REPORT ON THE QUALITY OF MARINE SURFACE OBSERVATIONS FOR THE PERIOD JANUARY TO JUNE 1997.

REPORT NO. 17

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JANUARY TO JUNE 1997

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1. INTRODUCTION

In 1985, the Commission for Basic Systems agreed that there was a need for GDPS / Global NWP centres to monitor the quality of observations available on the GTS and to exchange monthly lists of those stations providing observations which seem in error. In 1988 three lead centres were nominated which would have a co-ordinating role of producing, at six-monthly intervals, consolidated lists of suspect stations for given data types together with information on the nature of the error. RSMC Bracknell was allocated the rôle as lead centre for marine surface observations which encompasses observations from ships, drifting buoys, moored buoys and other fixed marine platforms. This is the seventeenth such report and covers the period January to June 1997. The report covering the period July to December 1997 will appear in spring 1998.

Following the CBS recommendations, four centres have been active in exchanging monitoring information each month; RSMC Bracknell since August 1987, ECMWF since August 1988, RSMC Tokyo since September 1988 and NCEP Washington since August 1989. At first, the only monitoring information exchanged on marine surface observations was related to pressure, and the first two WMO reports were restricted to that parameter alone. All four centres now regularly monitor wind observations and results are contained in this report. In addition, the report contains monitoring results for sea-surface temperature (SST). For each marine observing platform identified as suspect, values are supplied for the number of observations received at each centre, the number of observations with gross errors, and the mean and rms differences from the background values used by the numerical data assimilation system.

2. MONITORING METHODS

Errors in observations may arise from a number of sources: the instrument may be malfunctioning, figures may be mistaken while being transferred manually, or there may be corruption of data during transmission. Errors can also arise in the pressure report if the adjustment to sea level is made incorrectly or not at all, and a poorly-sighted anemometer can result in errors in the observations of wind. For SST observations, the depth at which the observation is made can be crucial. "Surface" observations from buoys are usually made at a depth of around 0.5m, whereas ships may take a measurement between a depth of 10m and the surface, depending on the method used. At present, there is no indication given within the report of the observation's depth, so it is not possible to determine the significance of this factor. By contrast, satellites measure the temperature of the ocean's "skin" which is generally slightly cooler than the temperature immediately beneath, by several tenths of a °C, as a result of evaporative cooling and other surface processes. Some of these errors can be detected by applying checks on the code format and the internal consistency of the report (for example: are the position and pressure consistent with a report 6 hours earlier?). Checks on spatial consistency may be made if there are other nearby observations. However, such quality checks are unable to identify errors on all occasions and it is recognised that the numerical data assimilation systems in use today can provide global reference values which have a valuable application in the area of observation monitoring. The short-term forecast from the previous numerical analysis, commonly known as the first-guess or background field, provides perhaps the most useful information on observation quality, as it represents an accurate and spatially consistent estimate of the observed value which is independent of the observation itself. Observation-minus-background (hereafter referred to as O-B) differences are at the centre of all monitoring work by GDPS centres. For sea-surface temperature, it is not possible to use a background field with which to compare the observed value, as for wind and pressure observations, because no forecast of SST is performed. Instead, the analysis field is used. SST changes only slowly relative to parameters above the surface, thus this is a good enough approximation. Analyses are performed daily at RSMC Bracknell from an assimilation of both

surface and satellite observations. There is one drawback in using the analysis field as an alternative: it is not independent of the observations themselves. This is a major limitation when it comes to assessing observation quality since the results are not straightforward to interpret.

Taking all marine surface observations together, the values of O-B have distinct characteristics. The vast majority of the observations show quite small departures from background and the distribution of O-B is nearly Gaussian, with little or no bias. The errors in the background field probably contribute most to the values of O-B for these observations. There is, however, often a smaller group of observations departing much more from background, for which observation error is the only reasonable explanation for the large values of O-B. Studies of the distribution of O-B and its variation at different points around the globe enable reasonably accurate estimates of background error to be made, and this provides the basis for the monitoring methods described here. Those marine observing platforms for which, in a sufficiently large sample, the observed values of pressure or wind differ from the background by an amount significantly in excess of the estimate of background error, may be labelled as suspect with a high degree of confidence. The limits used here to identify suspect observing platforms have been set sufficiently stringent to preclude much likelihood of the background, rather than the observations, being in error.

Each monitoring centre produces a monthly list of the identifiers of marine observing platforms considered suspect according to the departure from the centre's background values. All observations, both synoptic and asynoptic, are assimilated. At Bracknell, Tokyo and Washington, the corresponding background value used is that valid at the nearest main synoptic hour. At ECMWF, however, interpolation in time is performed.

Given that the number of observations made during the month is greater than or equal to 20, then the condition used by all centres for obtaining platforms for the suspect lists is that at least one of the following criteria are satisfied:

Pressure

1. the | mean of O-B |	$\geq$ 4.0hPa	
2. the standard deviation of O-B	$\geq$ 6.0hPa	
3. the percentage of gross errors	$\geq$ 25	

Wind

1. the | mean of O-B |	$\geq$ 5.0ms^{-1}	(Speed)
	$\geq$ 30°	(Direction)
2. the standard deviation of O-B	$\geq$ 80°	(Direction)
3. the percentage of gross errors	$\geq$ 25	

A gross error is defined as an observation which departs from the background by more than 15hPa (Pressure) or 25ms^{-1} (Vector Wind). The mean and standard deviation of the samples are evaluated excluding gross errors and in this way occasional "wild" values resulting from, for example, corruption during transmission, do not influence the sample characteristics. Direction statistics are also calculated excluding values in light winds, where either the observed or background speed is less than 5ms^{-1}.

Relatively little information is exchanged between centres on a regular monthly basis for SST.

The monthly results for pressure from all four monitoring centres show considerable agreement, both on the observing platforms listed as suspect and the values of the mean and rms difference from each centre's background. Differences between the monthly suspect lists are usually due to the different numbers of observations available at each centre. The cut-off varies between 6 and 24 hours. There are also some unexplained variations in the data receipt between the centres, which may be due to problems in the GTS or in the local procedures for handling the data. Monitoring results for wind speed also show reasonable agreement on the mean and standard deviation from

each centre's background; there is less agreement as to which platforms are listed, reflecting the greater uncertainty when monitoring wind speed.

This report draws together all the monthly monitoring results exchanged on marine surface data and identifies a list of observing platforms which have provided observations of poor quality over the six-month period. In drawing-up this list, there have been a number of guiding principles:

1. As with the monthly lists, accuracy is assessed relative to background values.
2. Only those observing platforms are listed for which there is a very high degree of confidence that the observations rather than the background values are in error.
3. At least 40 reports are required over the period in which the observations are considered suspect.
4. The perceived accuracy over the last part of the six-month period is of greatest importance; observing platforms will not be listed if there has been recent improvement and their reports are at present without major error.
5. Given that the number of observations made during the period is greater than or equal to 40, then the condition for listing a platform as suspect in this report is that at least one of the following criteria are satisfied:

Pressure

1. the | mean of O-B |	≥ 3.5hPa	
2. the standard deviation of O-B	≥ 5.0hPa	
3. the percentage of gross errors	≥ 25	

Wind

1. the | mean of O-B |	≥ 5.0ms^{-1}	(Speed)
	≥ 30°	(Direction)
2. the standard deviation of O-B	≥ 6.0ms^{-1}	(Speed)
	≥ 60°	(Direction)
3. the percentage of gross errors	≥ 25	

SST

1. the RMS of O-A	≥ 2.5°C
2. the percentage of gross errors	≥ 25

The same gross error limits apply in this report as for the monthly lists, with the limit for SST being set at 5°C. All observations having gross errors are excluded from the calculation of the mean and standard deviation of O-B and O-A.

The limits set on the bias and standard deviation of O-B are slightly less stringent than those for the monthly lists because the sample sizes are larger. They are only applied over the last part of the period if there has been a recent deterioration in quality. It is possible that there are a few observing platforms listed in this report which have not appeared on any of the monthly lists. This can occur if they report infrequently and only produce a large enough sample over a period of several months. The six-month list is longer than most of the monthly lists because many ships cease reporting for variable periods of time, presumably in most cases while they are in port or out of service. Only over a relatively long period, probably more than six months, is a representative sample obtained from all those ships providing observations.

3. MONITORING RESULTS

The monitoring results presented in this report relate only to data exchanged over the GTS. Observations from marine platforms are transmitted in one of two formats: the SHIP code, used for most observations from ships, moored buoys and other fixed platforms, and the BUOY code, used mostly for observations from drifting buoys. In this report the term "ship observations" refers to those received in the SHIP code and the "drifting buoy observations" to those received in BUOY code. The SHIP code indicates whether the observation was made manually or by an automatic system and accordingly the sub-divisions "manual ship" and "automatic ship" will be defined.

3.1 Pressure

In the six-month period January to June 1997, 1,192,543 observations of pressure were monitored at Bracknell from 5614 manual ships, 412 drifting buoys, and 378 automatic ships. The number of reports received from individual ships varies greatly as Table 1 demonstrates; apparently, a large percentage only report once. The reason for this is unclear but it may be a result of errors in the part of the message giving the ship identifier. A comparison with the corresponding table in the sixteenth report, shows that the number of manual ship identifiers has decreased slightly, this decrease being fairly evenly spread in terms of the number of reports from each vessel. The number of drifting buoys has also decreased a little, but with the shift towards a greater number of reports from each buoy continuing in general terms, this decrease has been counteracted. There has also been a small decrease in the number of automatic ships reporting. The decrease for all three observation types may well be a seasonal one, with this report covering the winter period in the northern hemisphere where a majority of the observations are made.

Table 2 shows the number of observations of pressure that have been received over the GTS at Bracknell for past six-month periods. Due to changes in data storage methods at Bracknell in May 1991, report number 5 covered the period January to May 1991 only, thence figures for January-June 1991 have been scaled-up in order to make a fair comparison with other six-month periods; this may not be entirely accurate. Further changes in November 1993 for drifting buoys & automatic ships for pressure & winds, may have allowed duplication of a few identifiers in Table 1 for the period June to December 1993, as reclassification from one observation type to another occurred. The observation distribution shown in Table 2 will also have been affected in the long term with a slight shift towards drifting buoys; no duplication of observations occurred however. SST observations were not affected by the November 1993 change.

Figure 1 shows the information presented in Table 2 more clearly. It can be seen that the total number of observations rose somewhat to begin with, but was followed by a notable decline. Since report number six (covering the period July to December 1991) however, there has been a recovery in the total, with the latter half of 1996 showing the greatest number of all. This increase is due not only to a greater number of vessels reporting, but to the increase in the number of reports from each drifting buoy, as reliability improves. The number of reports from drifting buoys now exceeds those for manual ships by almost 40%. Indeed 50% of all pressure observations made by marine vessels are now made by drifting buoys.

A histogram of O-B differences for all ship pressure reports in the period January to June 1997 is shown in Figure 2a, together with the Gaussian distribution with the same mean and standard deviation. Although almost all values fall within the range +5 to -5 hPa, a small number of very large values, presumably resulting from erroneous observations, contribute to the large standard deviation of the population. The distribution for all those observations which fail the automatic quality-control checks is broad (Figure 2b). The remaining 94 per cent of the observations which pass the quality checks show a distribution of O-B which is very close to Gaussian (Figure 2c) with mean -0.1 hPa and standard deviation 1.5 hPa; the principal contribution to the standard deviation is assumed to be from background errors.

A global estimate of the background error, such as is provided above, will conceal large spatial variations which may occur. Background values will be more accurate in data-rich areas (e.g.: in the North Sea or Mediterranean) or where the meteorological variability is low (e.g.: the tropics). The geographical distributions of the mean and standard deviation of the values of O-B from all ship observations which pass the quality-control checks, have been calculated for 10-degree

latitude-longitude boxes and are plotted in Figures 3 and 4. In almost all areas, the magnitude of the mean is less than 0.5 hPa, the exceptions being generally only where the sample size is small. The standard deviation in the tropics is 1.0 to 1.5 hPa, in northern latitudes 1.5 to 2.0 hPa, and in the Southern Ocean 1.5 to 3.0 hPa. The number of ship pressure reports accepted by the model quality control in each 10-degree box is shown in Figure 5.

Table 3 contains a list of those ships and drifting buoys considered to have produced suspect observations of pressure in the period January to June 1997. Values over the six-month period are given for the number of observations of pressure available for the Bracknell global model runs, the number of observations differing from the background value by more than 15 hPa (gross errors), and the mean and standard deviation of O-B using the Bracknell global model. The number of times the identifier has appeared on the monthly suspect lists from the four monitoring centres is also given. In order to give a detailed picture of the frequency of reporting and any changes in the observation accuracy, six-month time-series of O-B differences are given at the end of the report for each of the identifiers listed.

An interesting characteristic of the errors identified here, which soon becomes obvious on inspection of the time-series charts at the end of this report, is that most can be attributed to a bias in the observed pressure. In many cases the bias is constant over the whole monitoring period. There are some values which appear to depart greatly from the sample mean, presumably due to some gross error in the observation, but generally they are isolated instances. In only a few cases are there regular large random departures from background. Those observing platforms listed in Table 3 which appeared in the sixteenth report (July to December 1996) have been indicated with an asterisk. A comparison of the statistics given here with those in the fifteenth report (January to June 1996), clearly indicates that the bias in the pressure observations from some ships has scarcely changed over the past 12 months.

Statistics for those marine observing platforms which were listed in the sixteenth six-monthly report and which do not appear in Table 3b, are given in Table 4 along with comments on the quality of their pressure observations. Time-series charts of the pressure observations from these platforms are not given. Less than 40 reports have been received in the latest six-month period for a majority of the ships on this list; several show some improvement in the quality of observations, however.

3.2 Wind

The monitoring of observations of wind, presents more problems than for pressure. On the majority of observing platforms, wind is measured using anemometers. The reported speed will be dependent on the averaging period and the height of the instrument above sea level, which will vary a great deal from platform to platform. The wind flow is distorted by a large structure and factors affecting the wind measurement will also include the siting of the anemometer and the bearing of the wind with respect to the structure. Not all winds are measured by anemometers; observations from some ships are based on visual estimates of the sea state and in these cases the factors outlined above do not apply.

In the monitoring results presented here, the background winds are valid at a height of 10 metres above mean sea-level, a little lower than the average height of a ship anemometer. Where the anemometer height is much different from the reference height, a significant O-B speed bias may be introduced. This will be the case, for example, for observations from oil rigs or tankers with an anemometer height of 50m or more, or from buoys where the anemometer can be as low as 2m.

In the period January to June 1997, 505,328 observations of wind were available for monitoring at Bracknell from 5079 manual ships, 74 drifting buoys, and 406 automatic ships. A more detailed breakdown is given in Table 1. Histograms of O-B differences for ship observations of wind speed are presented in Figures 2d to 2f and of wind direction in Figures 2g to 2j. As with observations of pressure, those wind observations which fail the quality-control checks differ most from background, some by as much as 40ms^{-1}, and they make a large contribution to the variance of O-B. The distributions of O-B wind speed and direction for the remaining 89 per cent of the

observations are nearly Gaussian. There is a speed bias of +1.4ms^{-1} relative to background, with a direction bias of just -1.4°.

Figures 6 and 7 show the geographical distributions over the six-month period of the mean and standard deviation of O-B for ship observations of wind speed which pass the quality-control checks. The numbers of wind reports used to generate these statistics are presented in Figure 8. The standard deviation of O-B wind speed is typically 3 to 4ms^{-1} in middle latitudes and less than 3ms^{-1} in the tropics. The bias is generally around +1ms^{-1}, but exceeds +2ms^{-1} in a few places. Similar distributions of the mean and standard deviation of O-B wind direction are shown in Figures 9 and 10. Only reports where both the observed and background wind speeds are greater than 5ms^{-1} were used to obtain these values. The magnitude of the bias is less than 10 degrees in most places. The standard deviation is generally between 20 and 30 degrees globally, but in some data-sparse areas it is as large as 40 or 50 degrees. The numbers of reports of wind direction used to generate these statistics are presented in Figure 11.

Figures 6-11 provide reference values against which the characteristics of O-B for different marine observing platforms may be compared. Table 5 contains a list of those ships and drifting buoys considered to have produced suspect observations of wind speed in the period January to June 1997, and in Table 7 a similar list is provided for wind direction. Values are given for the number of observations of wind received at Bracknell, the number of observations having a vector difference from background of more than 25ms^{-1} (gross errors), & the mean and standard deviation of O-B. Time-series of O-B for each identifier listed are given at the end of the report. In most cases of suspect speed observations, a constant bias is clearly evident. Errors in observations of direction are more random in nature. Tables 6 & 8 contain statistics for platforms which are not included in Tables 5 & 7 but that were listed in the previous six-month report, for wind speed & direction respectively. Time-series plots for these identifiers are not included in this report.

3.3 Sea-surface temperature

In the six-month period, January to June 1997, a total of 1,410,055 observations of SST were monitored at Bracknell, from 5534 manual ships, 946 drifting buoys and 353 fixed buoys. Of the total, 387,851 were from ships, 318,208 from fixed buoys and 697,565 from drifting buoys. The decrease, 111,650 compared with the six-month period July to December 1996, is mainly due to a fall in the number of observations from both fixed and drifting buoys; the decrease for all 3 observation types was most noticable in the northern hemisphere. Table 1 gives the number of reports received from individual identifiers in frequency categories and shows that a large number of ships reported only once during the six-month period. Errors in reporting the station's identifier could make a significant contribution to this total. Despite there being a relatively small number of buoys, they constitute a substantial percentage of the total number of observations received. This is due to the frequency at which the observations are made: ships usually report only at the main synoptic hours, or less frequently, whereas some buoys report as often as every hour.

Figures 12a, 12b and 12c show the number of observations, mean O-A and standard deviation of O-A for each of the 3 observation types, for both the northern and the southern hemispheres. Only observations passing quality control checks have been used. Figure 12b shows that the overall bias of each observation type is small (< 0.1°C), with ship observations having a slightly positive bias, whilst fixed buoys have a slightly negative bias; the sign of the bias for drifting buoys varies with the hemisphere. Figure 12c shows that ship observations are substantially more erratic, with standard deviations approximately twice those of fixed and drifting buoys. This is partly due to the fact that buoys report frequently and at a quasi-constant location which effectively gives them increased weight in the analysed field.

Figures 13, 14 and 15 respectively show the global distribution of the bias and standard deviation of O-A and the numbers of observations, for ships. The largest biases occur at high latitudes, which is most likely a result of the small number of observations available and hence the decreased reliability of the analysis in these areas, particularly in the southern hemisphere. Figures 16 and 17 show the global distribution of fixed and drifting buoy SST reports. The coverage provided by drifting buoys is extensive, the exception being tropical areas of the Atlantic, and the polar regions.

Fixed buoys are largely concentrated in coastal regions, with particularly high observation densities around the UK and the USA, as well as Japan and Hawaii. A number of 10° x 10° grid boxes contain less than 5 reports; this situation may have arisen from reports containing erroneous positions.

Table 9 contains a list of the ships and drifting buoys considered to have produced suspect observations over the six-month period. The comments given in each case provide an indication of the main reason for the station to be listed as suspect; time-series charts have also been plotted for SST and are included at the end of the report. A large number of the identifiers appearing on the list do so as a result of a persistent bias. A high percentage of those listed due to the number of gross errors, also show a large bias. Table 10 gives details of the performance over the latest six-month period of ships which were considered suspect in the previous six-month period but which don't appear in Table 9. A significant number of the ships included in Table 10 have shown an improvement in the accuracy of SST measurements during the first half of 1997.

4. SUMMARY

88 marine observing platforms are listed as producing suspect observations of pressure over the period January to June 1997, 19 as producing suspect wind observations and 94 as producing suspect SST observations. The first report issued by RSMC Bracknell for the period January to June 1989, listed 150 marine platforms producing suspect observations of pressure. The selection criteria have remained unchanged, and the reduction in the number of platforms listed seems to reflect a genuine improvement in quality over the period.

The most common characteristic of the pressure errors found here is a bias in the reported pressure which may remain constant for many months. The majority of platforms listed as producing suspect wind observations show a bias in the reported wind speed, while a few show a large standard deviation in wind direction. For sea-surface temperature observations, the presence of a persistent bias is again found to be the most common cause of error.

The selection criteria have been set sufficiently stringent to ensure that only those are listed for which there is a high degree of confidence in there being large observation errors. There are a great many others, not listed here, for which there must be considerable doubt over the quality of the observations. A wider range of monitoring results are available from Bracknell on request.

TABLE 1: FREQUENCY DISTRIBUTION OF THE NUMBER OF REPORTS OF PRESSURE, WIND AND SEA SURFACE TEMPERATURE FROM INDIVIDUAL IDENTIFIERS AVAILABLE FOR MONITORING AT BRACKNELL, JANUARY TO JUNE 1997.

Number of reports	Number of manual ships reporting			Number of drifting buoys reporting			Number of automatic ships reporting		
	Press	Wind	SST	Press	Wind	SST	Press	Wind	SST*
1	2073	1713	2160	12	13	3	133	111	2
2-10	735	738	841	15	13	18	33	30	173
11-20	289	289	292	11	4	7	9	18	23
21-40	435	466	411	15	9	20	18	16	18
41-100	728	693	663	28	8	43	19	22	23
101-200	680	675	598	21	5	77	15	21	5
201-500	603	459	493	66	2	250	50	80	6
501-1000	51	29	43	64	6	378	100	108	12
1001-1500	19	16	19	127	9	64	1	0	7
1501 +	1	1	14	53	5	86	0	0	84
Total	5614	5079	5534	412	74	946	378	406	353
(Report 16)	*(5857)*	*(5243)*	*(5695)*	*(478)*	*(109)*	*(1056)*	*(404)*	*(437)*	*(260)*

* numbers are for automatic (fixed) buoys only

TABLE 2: NUMBER OF OBSERVATIONS OF PRESSURE RECEIVED AT BRACKNELL ON THE GTS FOR EACH OF THE SIX-MONTH PERIODS COVERED BY THE WMO REPORTS ON THE QUALITY OF MARINE OBSERVATIONS

Period	WMO report number	Number of Observations			
		Manual ships	Drifting buoys	Automatic ships	Total
Jan-Jun 1989	1	424087	174971	40082	639140
Jul-Dec 1989	2	421315	151972	58016	631303
Jan-Jun 1990	3	424335	177927	63847	666109
Jul-Dec 1990	4	412430	205488	71146	689064
Jan-Jun 1991	5	364760	177069	64401	606230
Jul-Dec 1991	6	348710	148604	68456	565770
Jan-Jun 1992	7	332443	216872	73893	623208
Jul-Dec 1992	8	336958	247873	80862	665693
Jan-Jun 1993	9	340293	288208	77317	705818
Jul-Dec 1993	10	348082	316261	88650	752993
Jan-Jun 1994	11	334134	279963	111928	726025
Jul-Dec 1994	12	383760	305618	142468	831846
Jan-Jun 1995	13	369781	407111	124537	901429
Jul-Dec 1995	14	394016	528938	138653	1061607
Jan-Jun 1996	15	430162	566035	122909	1119106
Jul-Dec 1996	16	477928	621869	133221	1233018
Jan-Jun 1997	17	446530	623835	122178	1192543

TABLE 3: LIST OF MARINE OBSERVING PLATFORMS REPORTING SUSPECT PRESSURE OBSERVATIONS OVER THE PERIOD JANUARY TO JUNE 1997.

Column 1 Call sign or identifier.

Column 2 Number of pressure observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.

Column 3 Number of pressure observations differing by more than 15 hPa from background (gross error).

Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.

Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.

Columns 6-9 Number of times observing platform has appeared on suspect lists. B=Bracknell, E=ECMWF, T=Tokyo, W=Washington.

Column 10 Comments on quality of pressure observations.

Notes:

1. Units are hPa.
2. Observing platforms marked with an asterisk were listed in the previous report (July to December 1996)
3. Column 8 (Tokyo) excludes March + April 1997 - no data available.
   Column 9 (Washington) excludes January 1997 - no data available.

Table 3a: Platforms reporting in BUOY code

*i): Platforms **non-operational** at the end of the reporting period*

Ident.	N Obs.	NGE	SD	Bias	B	E	T	W	Comments
17506	1483	3	3.3	-2.8	2	3	2	3	Bias drift
17514	414	62	5.1	-2.0	1	1	1	1	Erratic + gross errors from Feb
17516	286	116	5.0	-3.8	2	2	2	1	Gross errors; erratic
17518	422	93	5.3	-3.3	1	1	1	1	Erratic + gross errors from Feb
17522	418	19	5.5	-1.9	1	1	1	1	Erratic from Feb
23505	59	59	****	****	1	1	0	1	Gross errors
23513	114	16	7.0	1.8	1	1	0	1	Erratic
23518	100	20	5.6	1.4	0	0	0	0	Erratic
23950	96	0	2.3	-9.2	3	3	0	1	Bias
25541	92	92	****	****	1	1	0	1	Gross errors
32908	1047	84	3.0	2.3	2	2	1	2	Bias +20 hPa from May
33567	1004	83	4.4	2.3	2	2	1	2	Bias +15 hPa from Apr
33573	373	100	6.5	-0.2	2	2	1	2	Gross errors; erratic
33575	654	88	3.7	-0.9	1	1	0	1	Gross errors from Feb
33951	1321	120	3.2	0.2	2	2	0	2	Gross errors from Apr
44601	979	25	3.3	0.3	1	1	0	1	Erratic from Mar
44603	520	108	2.9	0.1	1	1	1	1	Gross errors from Feb
44763	3819	8	2.7	-0.8	1	1	0	1	Bias -7 hPa from Mar
44849	288	67	6.0	3.1	1	1	1	0	Erratic
44850	250	56	7.7	-1.2	1	1	1	0	Erratic

Continued →

Ident.	N Obs.	NGE	SD	Bias	B	E	T	W	Comments
46519	648	194	4.5	-1.6	1	1	0	1	Gross errors from Mar
46764	229	48	6.2	-2.6	1	1	1	0	Rather erratic
46912	480	324	6.1	-7.4	2	2	1	1	Gross errors
46953	244	208	0.3	-14.5	2	2	0	1	Gross errors; bias
46956	949	28	3.9	1.4	1	0	0	0	Bias drift May
54901	422	103	3.8	1.4	4	3	0	2	Gross errors from May
54922	309	0	2.1	-5.9	2	2	2	1	Bias
55905 *	110	70	0.9	-13.6	2	2	0	0	Gross errors
56536	332	46	3.7	-0.4	1	1	0	1	Gross errors from May
64517	495	65	6.1	-2.9	1	0	0	0	Erratic

*ii): Platforms **operational** at the end of the reporting period*

Ident.	N Obs.	NGE	SD	Bias	B	E	T	W	Comments
17907	1382	21	3.1	2.7	2	2	2	2	Erratic from Apr
25573	132	132	****	****	3	3	0	0	Gross errors
31024	618	275	0.9	8.0	2	2	2	2	Gross errors
33952	1465	48	3.9	2.8	3	2	2	3	Bias + gross errors from Apr
55516 *	1583	0	1.1	-4.0	5	0	0	0	Bias

Table 3b: Platforms reporting in SHIP code

Ident.	N Obs.	NGE	SD	Bias	B	E	T	W	Comments
CG2248 *	104	104	****	****	2	1	0	2	Gross errors
C6FA6 *	242	0	1.3	-6.1	6	6	3	5	Bias
C6HD5 *	124	0	1.7	5.8	3	0	2	2	Bias
C6JT *	76	0	1.4	5.7	0	0	1	0	Bias
C6LI6 *	171	0	1.5	7.7	3	3	2	2	Bias
DLDQ	185	0	1.3	-4.3	5	5	1	2	Bias
DOWVD2D	182	0	1.6	4.0	1	0	2	1	Bias
ELGH5	105	2	3.0	-4.8	1	0	1	1	Bias; rather erratic
ELIG5 *	78	2	2.4	3.7	0	1	0	0	Bias
EQUZ	63	22	2.0	13.0	0	0	0	0	Gross errors; bias
EUJV *	149	4	2.1	7.7	5	4	2	3	Bias
J8EL6	78	1	1.6	-5.9	1	2	1	1	Bias
KNDM *	53	3	5.9	8.4	2	2	0	1	Erratic
KSLB	48	1	1.3	-3.8	0	0	0	0	Bias
LAQN4 *	53	0	1.2	5.7	0	0	2	0	Bias
LAVV4	107	0	2.0	-4.7	2	2	1	2	Bias
LAXS2 *	243	0	1.5	6.1	4	4	2	3	Bias
OZVW6	43	1	1.3	4.6	1	1	0	1	Bias
S6CL *	85	0	1.2	5.5	1	1	1	1	Bias
UCJJ *	99	10	2.9	9.9	2	2	0	0	Bias; rather erratic
UCJL	56	0	1.1	9.3	1	1	1	1	Bias
UCTA	118	4	3.6	8.6	2	2	1	2	Bias; rather erratic
UICP	78	45	1.8	-4.1	2	2	1	1	Gross errors - some obs in Pa ?
UITJ	67	2	4.4	-8.4	0	0	0	0	Bias from Feb
UQDB	44	0	1.6	6.4	1	1	1	1	Bias
VCLX	67	60	3.7	-7.7	2	0	0	2	Gross errors
VCPT	40	27	4.8	-4.0	0	0	0	0	Gross errors; erratic
VCQL *	63	4	3.3	-3.4	1	0	1	1	Bias -5 hPa from Jun
VGNW *	57	38	4.2	-6.3	1	0	1	1	Gross errors; erratic
VRUS7	50	0	3.1	3.8	0	0	0	0	Bias; rather erratic
VVJS	73	2	1.0	-5.0	1	2	1	2	Bias
V2SA *	48	14	2.8	-11.6	2	0	1	0	Gross errors; bias
V2SM	120	0	1.4	-4.9	2	2	2	2	Bias
V7AW8	109	1	1.2	4.1	2	2	0	2	Bias
WMGD	53	1	1.0	10.3	1	0	1	1	Bias
WUZ7811	202	38	5.0	1.1	0	0	0	0	Gross errors - mis-coding ?
YJYS6 *	61	0	1.1	6.4	1	2	2	0	Bias
YLBF *	105	1	1.2	5.7	3	4	1	2	Bias
3EIY6	122	5	2.1	11.0	3	0	1	3	Bias
3EMQ9	83	0	1.5	3.5	0	0	0	1	Bias

Continued →

Ident.		N Obs.	NGE	SD	Bias	B	E	T	W	Comments
3EUY3		64	0	2.6	9.6	1	1	1	1	Bias; rather erratic
3EZZ9		102	0	1.4	3.5	0	0	0	0	Bias
3FAQ3		86	0	2.7	5.5	2	0	0	1	Bias; rather erratic
3FCU3	*	55	0	3.7	5.7	0	0	0	0	Bias
3FGN3		108	0	1.4	-3.8	1	3	0	0	Bias
3FGQ3	*	87	0	0.8	7.1	0	0	4	0	Bias
3FTJ4	*	117	1	1.6	9.8	2	0	1	0	Bias
3FZW	*	119	0	1.5	6.1	3	0	0	0	Bias
4XFN		70	0	2.1	-5.1	2	2	0	2	Bias
62302		190	13	5.3	-2.2	1	1	0	2	Erratic
9MBW7		246	0	3.6	4.5	3	4	3	2	Bias +10 hPa, +5 hPa from May
9VHU	*	136	0	1.4	5.8	6	3	4	5	Bias
9VIH	*	182	1	1.6	-5.3	4	0	3	2	Bias

TABLE 4: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 3 BUT LISTED AS SUSPECT OVER THE PERIOD JULY TO DECEMBER 1996.

Column 1 Call sign or identifier.

Column 2 Number of pressure observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.

Column 3 Number of pressure observations differing by more than 15 hPa from background (gross error).

Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.

Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.

Column 6 Comments on quality of pressure observations.

Notes: 1. Units are hPa.

Ident.	N Obs.	NGE	SD	Bias	Comments
ATVA	17	0	3.5	-1.2	Less than 40 reports; bias persists
BOAB	147	0	3.4	-2.5	No longer biased from May
CTFL	0				No reports
CYGR	30	24	3.6	-11.1	Less than 40 reports; gross errors persist
CYJZ	11	0	0.8	0.1	Less than 40 reports; no longer biased
CYLX	20	20	****	****	Less than 40 reports; gross errors persist
C6IL3	38	2	6.1	3.1	Less than 40 reports; no longer biased
DEGY	18	0	1.4	-3.2	Less than 40 reports; bias persists
ELED7	3	0	0.2	5.8	Few reports
ELIR4	0				No reports
ELIT9	0				No reports
ELQR6	4	0.9	0.2		Few reports
ELRE5	370	1	4.2	6.5	No longer biased from Jun
ELRV8	0				No reports
ELSU8	268	4	4.1	3.6	No longer biased from Mar
LAVG4	28	4	5.0	10.6	Less than 40 reports; bias persists
LAWR2	120	0	2.7	2.7	Bias reduced
LAXP4	6	0	6.8	-2.5	Few reports
MVNW9	170	0	1.4	0.1	Gross errors ceased; no longer biased
NODO	73	0	1.6	0.3	No longer biased
NYUK	0				No reports
OUKV	0				No reports
OXRO2	204	9	3.4	-2.6	No longer biased from Apr
OZBW6	345	3	4.2	1.4	Bias reduced from May
P3BA7	398	2	3.1	-0.2	Bias reduced
P3HH4	7	0	0.7	5.8	Few reports
P3XM4	68	0	1.5	-0.6	No longer biased
SYMK	2	0	1.6	6.5	Few reports
UCJV	19	0	1.4	-7.0	Less than 40 reports; bias persists

Continued →

Ident.	N Obs.	NGE	SD	Bias	Comments
UFAA	0				No reports
USNN	265	3	2.0	2.2	Bias reduced
UUKB	0				No reports
UVJA	8	0	1.1	-1.4	Few reports
UVJB	0				No reports
VCKQ	0				No reports
VCQC	25	2	3.5	-3.5	Less than 40 reports; bias persists
VCRQ	8	5	3.2	-6.1	Few reports
VCTK	28	5	1.7	-6.5	Less than 40 reports; GE ceased, bias persists
VCTV	6	4	0.9	-4.2	Few reports
VCTX	10	1	4.2	0.6	Less than 40 reports; gross errors ceased
VDRV	1	0	0.0	0.6	Few reports
VGJC	19	8	7.2	-5.3	Less than 40 reports; gross errors persist
VGMV	1	1	****	****	Few reports
VOPM	20	17	6.4	-4.5	Less than 40 reports; gross errors persist
VOXZ	37	30	3.3	-10.5	Less than 40 reports; gross errors persist
VRUH6	12	0	1.6	5.7	Less than 40 reports; bias persists
VTCN	28	1	2.3	3.6	Less than 40 reports; bias persists
VVKJ	20	0	5.1	6.8	Less than 40 reports; bias persists
WA5307	213	0	2.7	-0.4	No longer biased
WBF2376	27	0	2.5	5.2	Less than 40 reports; bias persists
WDZG	6	0	0.9	-3.9	Few reports
WRGJ	14	14	****	****	Less than 40 reports; gross errors persist
3ETG9	14	1	3.7	3.3	Less than 40 reports; GE ceased, bias persists
3EWJ9	93	0	1.8	3.4	Bias reduced
4XGT	147	0	1.8	-1.4	No longer biased

TABLE 5: LIST OF MARINE OBSERVING PLATFORMS REPORTING SUSPECT WIND SPEED OBSERVATIONS OVER THE PERIOD JANUARY TO JUNE 1997.

Column 1 Call sign or identifier.

Column 2 Number of wind speed observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.

Column 3 Number of wind observations with vector difference from background of more than 25ms^{-1} (gross error).

Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.

Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.

Columns 6-9 Number of times observing platform has appeared on suspect lists. B=Bracknell, E=ECMWF, T=Tokyo, W=Washington.

Column 10 Comments on quality of wind speed observations.

Notes:

1. Units are ms^{-1}.
2. Observing platforms marked with an asterisk were listed in the previous report (July to December 1996)
3. Column 8 (Tokyo) excludes March + April 1997 - no data available.
   Column 9 (Washington) excludes January 1997 - no data available.

Table 5a: Platforms reporting in BUOY code

*i): Platforms **non-operational** at the end of the reporting period*

Ident.	N Obs.	NGE	SD	Bias	B	E	T	W	Comments
41529	445	0	2.9	-4.0	1	0	0	1	Bias -5 m s-1 from Feb
52539	83	0	2.6	-5.4	1	1	0	0	Bias
52623	713	0	2.5	-4.1	1	1	0	1	Bias -6 m s-1 from Apr

*ii): Platforms **operational** at the end of the reporting period*

Ident.	N Obs.	NGE	SD	Bias	B	E	T	W	Comments
62803	3942	14	3.9	-4.6	3	3	1	3	Erratic at times

Table 5b: Platforms reporting in SHIP code

Ident.	N Obs.	NGE	SD	Bias	B	E	T	W	Comments
C6KB4	41	10	7.0	7.0	0	0	0	0	Erratic
FNQI	118	0	6.5	7.5	3	0	3	3	Erratic from April
FNZQ	229	0	5.0	3.5	2	1	1	1	Erratic
GHMA *	114	0	3.5	-6.8	2	0	1	2	Bias
PJVY *	107	0	4.5	6.3	2	2	1	0	Bias; rather erratic
VPGB	40	0	3.9	-7.5	0	0	0	0	Bias
XYKX	97	1	2.9	5.0	0	0	3	0	Bias
9VMY	76	1	8.2	5.8	2	0	2	1	Bias +17 m s-1 from May

TABLE 6: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 5 BUT LISTED AS SUSPECT OVER THE PERIOD JULY TO DECEMBER 1996.

Column 1 Call sign or identifier.

Column 2 Number of wind speed observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.

Column 3 Number of wind observations with vector difference from background of more than 25ms^{-1} (gross error).

Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.

Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.

Column 6 Comments on quality of wind speed observations.

Notes: 1. Units are ms-1.

Ident.	N Obs.	NGE	SD	Bias	Comments
DQQQ	75	0	2.5	1.3	No longer biased
FNZD	414	2	4.6	1.5	No longer biased from Feb
KSLB	49	0	3.9	3.5	No longer biased
OZIA	516	2	4.1	3.0	Less erratic
PJRJ	116	0	2.8	0.6	No longer biased
VRUZ7	18	0	4.8	3.7	Less than 40 reports; bias reduced
3FCU3	51	0	4.0	-3.2	Bias reduced
9MTZ	0				No reports

TABLE 7: LIST OF MARINE OBSERVING PLATFORMS PRODUCING SUSPECT WIND DIRECTION OBSERVATIONS OVER THE PERIOD JANUARY TO JUNE 1997.

Column 1 Call sign or identifier.

Column 2 Number of wind direction observations available for monitoring over the 6-month period,excluding duplicates, but including any observations with gross errors.

Column 3 Number of wind observations with vector difference from background of more than 25ms^{-1} (gross error).

Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.

Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.

Columns 6-9 Number of times observing platform has appeared on suspect lists. B=Bracknell, E=ECMWF, T=Tokyo, W=Washington.

Column 10 Comments on quality of wind direction observations.

Notes:

1. Units are degrees (°).
2. Observing platforms marked § had a significant bias at some time within the period and the statistics and their plots refer to direction reports associated with background wind speeds greater than 5 ms^{-1}. If no significant speed bias was present the statistics and plots refer to direction reports with an observed speed greater than 5 ms^{-1}.
3. Observing platforms marked with an asterisk were listed in the previous report (July to December 1996)
4. Column 8 (Tokyo) excludes March + April 1997 - no data available.
   Column 9 (Washington) excludes January 1997 - no data available.

Table 7a: Platforms reporting in BUOY code

*i): Platforms **non-operational** at the end of the reporting period*

Ident.	N Obs.	NGE	SD	Bias	B	E	T	W	Comments
44513	1245	0	75.9	-10.0	4	4	2	2	Erratic from Mar
52008	224	0	63.6	-13.4	0	1	1	0	Erratic
53549	50	0	86.0	8.1	0	1	0	0	Erratic

*ii): Platforms **operational** at the end of the reporting period*

There are no platforms in this category.

Table 7b: Platforms reporting in SHIP code

Ident.		N Obs.	NGE	SD	Bias	B	E	T	W	Comments
DVFS	§	157	2	65.8	-2.3	1	0	1	0	Erratic
DVHE		67	2	71.7	4.1	0	0	1	0	Erratic
UVGF		122	1	78.6	16.6	1	1	1	0	Erratic
3EMW5	§	107	1	66.5	-0.1	0	0	0	0	Erratic

TABLE 8: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 7 BUT LISTED AS SUSPECT OVER THE PERIOD JULY TO DECEMBER 1996.

Column 1 Call sign or identifier.

Column 2 Number of wind direction observations available for monitoring over the 6-month period,excluding duplicates, but including any observations with gross errors.

Column 3 Number of wind observations with vector difference from background of more than 25ms^{-1} (gross error).

Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.

Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.

Column 6 Comments on quality of wind direction observations.

Notes: 1. Units are degrees (°).

Ident.	N Obs.	NGE	SD	Bias	Comments
BHFN	27	0	43.3	-0.5	Less than 40 reports; no longer erratic
HZXS	3	0	35.9	34.6	Few reports
VLN4720	0				No reports
44153	0				No reports
9MTZ	0				No reports

TABLE 9: LIST OF MARINE OBSERVING PLATFORMS REPORTING SUSPECT SEA-SURFACE TEMPERATURE OBSERVATIONS OVER THE PERIOD JANUARY TO JUNE 1997.

Column 1 Call sign or identifier

Column 2 Number of sea-surface temperature observations available for monitoring over the 6-month period, including any observations with gross errors.

Column 3 Number of sea surface temperature observations differing by more than 5°C from the analysis (gross errors).

Column 4 Standard deviation of observation-minus-analysis differences excluding cases of gross error.

Column 5 Mean of observation-minus-analysis differences excluding cases of gross error.

Column 6 Comments on quality of sea surface temperature observations.

Notes:

1. Units are °C.
2. Observing platforms marked with an asterisk were listed in the previous report (July to December 1996)

Table 9a: Platforms reporting in BUOY code

*i): Platforms **non-operational** at the end of the reporting period*

Ident.		N Obs.	NGE	SD	Bias	Comments
12512		261	54	2.2	-1.5	Erratic
12515		249	72	1.6	-0.7	Erratic
12516		701	83	1.5	-2.5	Erratic; bias
12517		175	97	2.7	-1.0	Gross errors; erratic
14916		43	0	0.6	2.9	Bias
23911		75	36	1.1	4.2	Gross errors
41501		422	202	2.5	-1.2	Gross errors; erratic
41502		462	135	2.6	-0.5	Gross errors; erratic
41503		324	106	1.5	-2.6	Gross errors
43526		158	45	0.8	0.3	Gross errors; bias +7 °C from Mar
44501	*	732	252	1.7	-2.1	Gross errors
44555		220	32	2.8	-0.7	Gross errors; erratic
44602		122	0	0.7	2.7	Bias
44765		79	50	0.3	4.5	Gross errors; bias
46519		752	195	0.8	0.9	Gross errors; bias +7 °C from Mar
46607		343	96	2.4	-1.0	Gross errors; erratic
46768		85	29	1.2	-0.2	Gross errors; bias -28 °C from Feb
51862		62	21	1.0	-0.6	Gross errors; bias -28 °C from Jan
56901		67	0	1.8	-3.1	Bias
61514	*	56	26	2.4	-1.0	Gross errors; erratic
61527		681	220	2.7	-1.7	Gross errors; erratic
65901		153	0	1.1	2.6	Bias

*ii): Platforms **operational** at the end of the reporting period*

Ident.	N Obs.	NGE	SD	Bias	Comments
44506	660	248	1.1	-2.4	Gross errors
73502	1429	791	0.5	-0.4	Gross errors from May

Table 9b: Platforms reporting in SHIP code

Ident.	N Obs.	NGE	SD	Bias	Comments
C6FA7	234	1	0.7	2.7	Bias
DDLH	211	10	0.6	3.4	Bias
DNGB *	108	23	0.8	-4.1	Bias
DS6ESD	76	2	0.6	4.0	Bias
DULR *	68	50	0.8	4.5	Gross errors; bias
DURY *	144	5	1.2	2.7	Bias
DUZH	52	39	1.6	3.7	Gross errors; bias
DVDM *	162	6	0.9	2.9	Bias
DZCAW7D	158	130	2.3	-2.1	Gross errors; rather erratic
DZDI *	56	2	1.1	-3.2	Bias
ELBG9 *	165	1	0.6	-3.0	Bias
ELBM9	104	93	1.1	3.0	Gross errors; bias +3 °C from May
ELMV6	211	6	0.9	3.1	Bias
ELRT3	154	3	0.5	-3.5	Bias
ELRY5 *	72	71	0.2	0.0	Gross errors; bias
JADY *	312	26	0.9	3.7	Bias
JPPT	79	0	1.0	3.2	Bias
J8FI5	212	65	1.7	2.9	Gross errors; bias
KBGK	213	9	0.9	-3.8	Bias
KGJB *	179	19	0.8	-2.8	Bias
KIOH *	166	3	1.2	-2.6	Bias
KLKZ *	79	1	0.9	2.5	Bias
KLPN	44	9	0.4	-4.3	Bias
KNFG *	147	8	0.4	-3.7	Bias
KNLO	172	20	1.5	-2.7	Bias
KSPH *	52	0	1.0	-2.4	Bias
LADR4 *	211	2	0.8	3.1	Bias
LF3N	497	194	0.4	0.3	Gross errors, but other obs. show no bias
NFMK *	41	9	1.2	3.6	Bias
PDCR	57	2	1.1	2.9	Bias
PDJS	63	14	1.4	-2.9	Bias
SDIA	328	52	0.7	4.1	Bias
SFMN	61	38	1.4	3.6	Gross errors
S6ES	213	41	0.9	3.6	Bias
UCCI	41	12	1.6	2.7	Gross errors
UCMR	149	38	2.2	-0.9	Gross errors; rather erratic
UCNA	57	24	0.9	-3.5	Gross errors; bias
UCOJ *	154	50	2.4	-2.1	Gross errors
UDVY	120	61	2.3	-0.2	Gross errors
VCRJ	55	4	1.0	3.3	Bias

Continued →

Ident.		N Obs.	NGE	SD	Bias	Comments
VJRB		64	9	0.7	-3.1	Bias
VOLG	*	530	205	1.4	-2.2	Gross errors; bi-weekly cycle persists
VRKC		114	35	1.8	-1.7	Gross errors
VRVA7	*	137	28	2.5	1.5	Rather erratic
VTKB		59	0	0.7	2.5	Bias
V2AC3		113	22	1.9	2.3	Bias
V2TI		165	6	1.1	2.5	Bias
WAFA		40	4	0.6	3.6	Bias
WCJY	*	101	5	1.2	2.6	Bias
WYP8657		162	70	1.9	2.9	Gross errors; bias
YJYY2		369	17	0.9	-2.6	Bias
YJZC5		225	16	1.1	-3.3	Bias
ZCAV6		243	6	0.7	-3.1	Bias drift
3ECM7		361	121	1.3	2.8	Gross errors; erratic
3EIP3		83	7	0.8	-3.2	Bias
3EKL8	*	41	2	0.9	3.7	Bias
3ELY7		42	41	0.0	3.7	Gross errors; bias
3EPB6	*	143	15	1.6	3.0	Bias
3FIO6		68	39	2.0	2.9	Gross errors
3FWI3	*	108	14	0.7	3.8	Bias
44137		2107	984	1.4	3.3	Gross errors
44141		4628	1003	2.9	0.3	Gross errors; erratic
45003		714	75	2.4	0.8	Bias drift
45144	*	142	142	****	****	Gross errors
62129	*	798	784	2.3	-0.8	Gross errors; erratic
9KKS	*	180	13	1.2	-3.3	Bias
9MTU		80	29	1.2	-3.4	Gross errors; bias
9VHJ	*	77	54	2.1	-3.0	Gross errors
9VOP	*	87	46	1.6	3.3	Gross errors; bias
9VUM		1037	252	1.4	3.0	Bias + 4 °C from May

TABLE 10: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 9 BUT LISTED AS SUSPECT OVER THE PERIOD JULY TO DECEMBER 1996.

Column 1 Call sign or identifier

Column 2 Number of sea-surface temperature observations available for monitoring over the 6-month period, including any observations with gross errors.

Column 3 Number of sea surface temperature observations differing by more than 5°C from the analysis (gross errors).

Column 4 Standard deviation of observation-minus-analysis differences excluding cases of gross error.

Column 5 Mean of observation-minus-analysis differences excluding cases of gross error.

Column 6 Comments on quality of sea surface temperature observations.

Notes: 1. Units are °C.

Ident.	N Obs.	NGE	SD	Bias	Comments
CGJY	50	0	1.1	-0.5	Gross errors ceased
C6BT8	19	5	2.5	-0.1	Less than 40 reports; no longer biased
C6JN	0				No reports
C6KJ5	192	31	1.9	2.4	No longer biased from Mar
DEFA	135	2	0.9	0.9	No longer biased
DIDT	18	0	0.7	-2.9	Less than 40 reports; bias persists
DVYE	83	2	1.0	-2.2	Bias reduced
ELOT8	100	12	2.1	-0.9	Gross errors ceased; no longer biased
ELRR5	63	27	1.3	-0.3	Gross errors ceased from Feb
ELRV2	54	2	1.3	2.0	Bias reduced
EVKA	0				No reports
FNVP	0				No reports
JFCX	126	29	1.4	-0.9	Gross errors reduced; no longer biased
JNVU	151	1	0.6	2.4	Bias reduced
KRJF	1	0	0.0	2.2	Few reports
LADN4	0				No reports
NHNC	79	23	1.9	1.0	Gross errors ceased; no longer biased from May
NJPJ	30	4	1.9	-1.6	Less than 40 reports; no longer biased
PFKV	2	0	0.7	-3.7	Few reports
PJSB	0				No reports
UBAW	4	0	0.1	-0.9	Few reports
URBX	0				No reports
URHJ	98	2	1.5	0.2	Gross errors ceased
URMI	0				No reports
VOSR	34	0	0.7	1.4	Less than 40 reports; gross errors ceased
VRSC	292	11	2.1	-0.2	No longer biased
VRUV8	63	27	1.4	0.3	No longer biased
VRVB9	187	13	1.4	1.5	No longer biased
V20E	30	1	0.9	-3.6	Less than 40 reports; bias persists
WRGY	0				No reports

Continued →

Ident.	N Obs.	NGE	SD	Bias	Comments
WZP8164	330	33	2.1	1.1	Gross errors reduced; less erratic
XCMG	23	19	0.5	-2.8	Less than 40 reports; gross errors persist
ZCBD4	68	8	1.5	-1.9	No longer biased
3DRV	124	0	0.9	-0.5	No longer biased
3EJB9	99	17	1.6	0.1	No longer biased from Feb
3EZL3	0				No reports
3FEI5	58	8	1.8	0.1	Gross errors ceased; no longer biased
3FZJ3	23	11	1.5	2.5	Less than 40 reports; gross errors persist
44011	4249	0	0.8	-1.0	No longer biased
46050	108	0	0.3	0.0	No longer biased
63111	409	35	1.7	-1.0	Gross errors reduced
9MBG3	67	4	1.1	1.7	No longer biased

Figure 1: Number of observations of pressure received at Bracknell on the GTS for each of the six-month periods covered by the WMO reports on the quality of marine observations

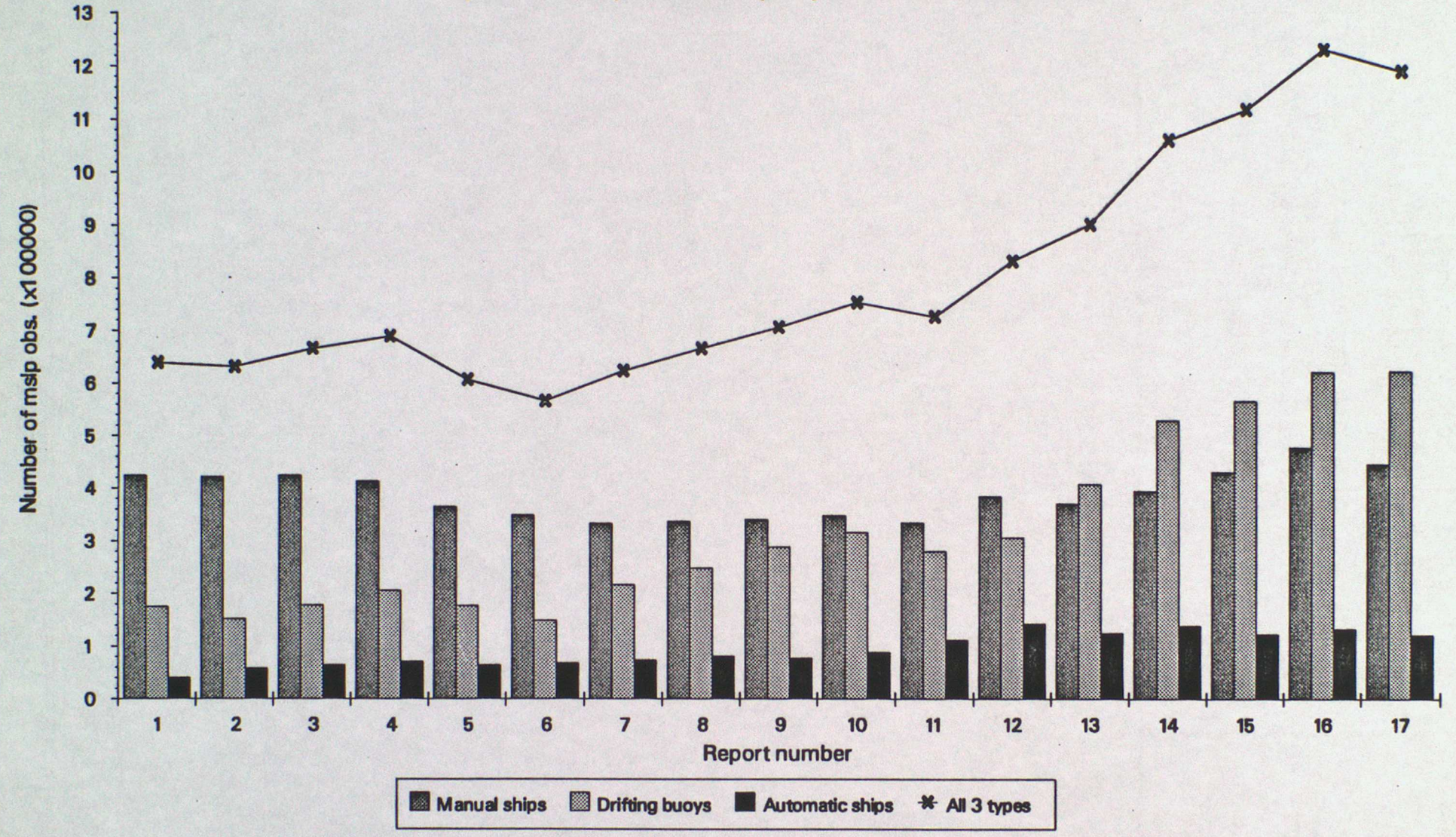
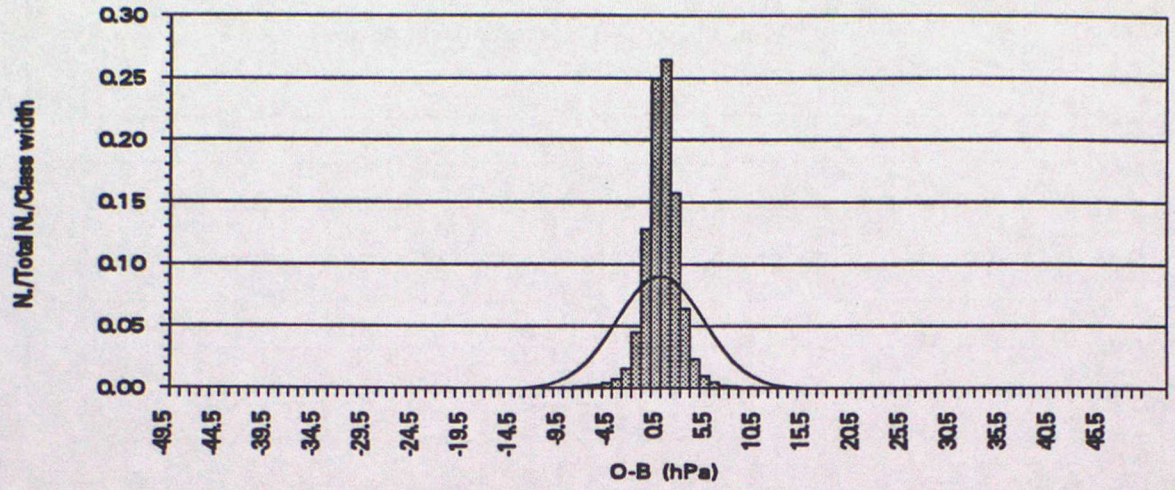
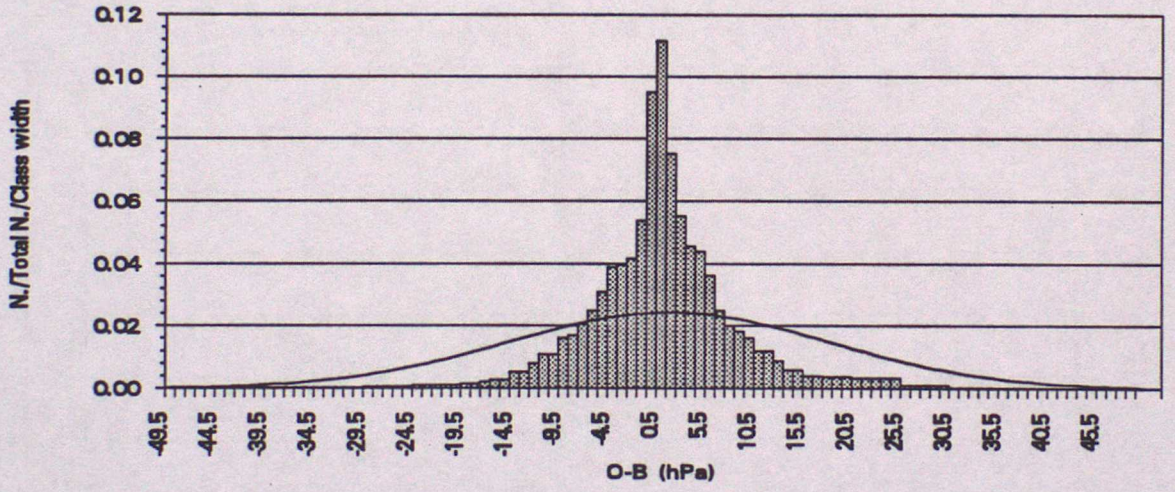


Figure 2a: Distribution of ship O-B pressure (hPa)
Period of data: Jan-Jun 1997 Data used: All observations



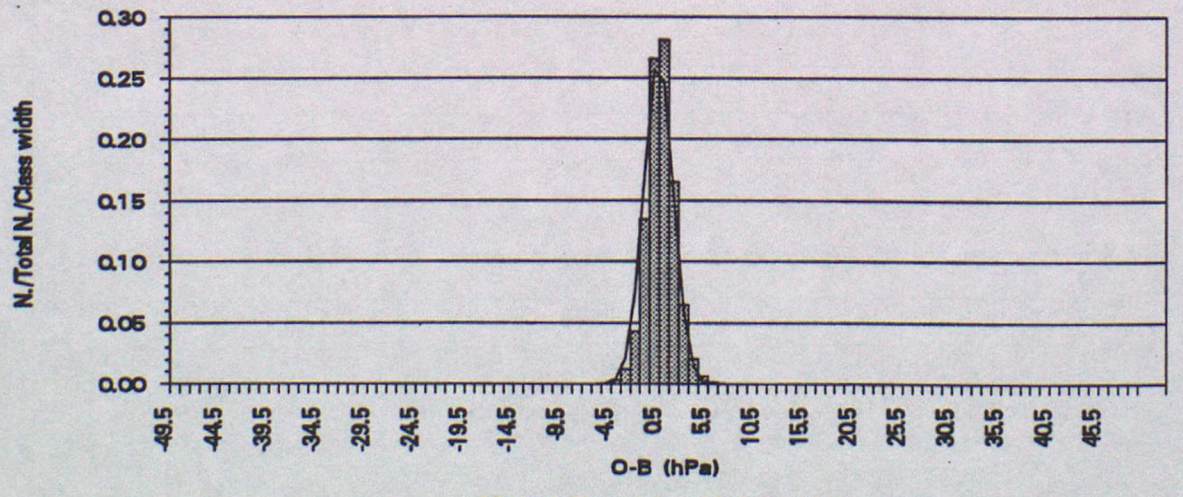
Mean O-B = 0.0 SD O-B = 4.4

Figure 2b: Distribution of ship O-B pressure (hPa)
Period of data: Jan-Jun 1997 Data used: Flagged observations



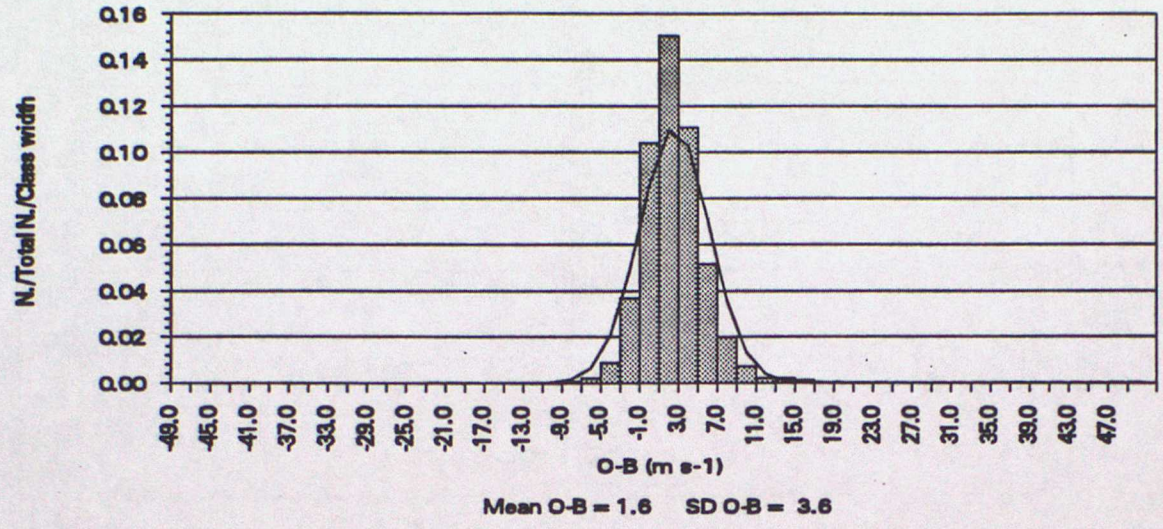
Mean O-B = 1.4 SD O-B = 16.5

Figure 2c: Distribution of ship O-B pressure (hPa)
Period of data: Jan-Jun 1997 Data used: Unflagged observations



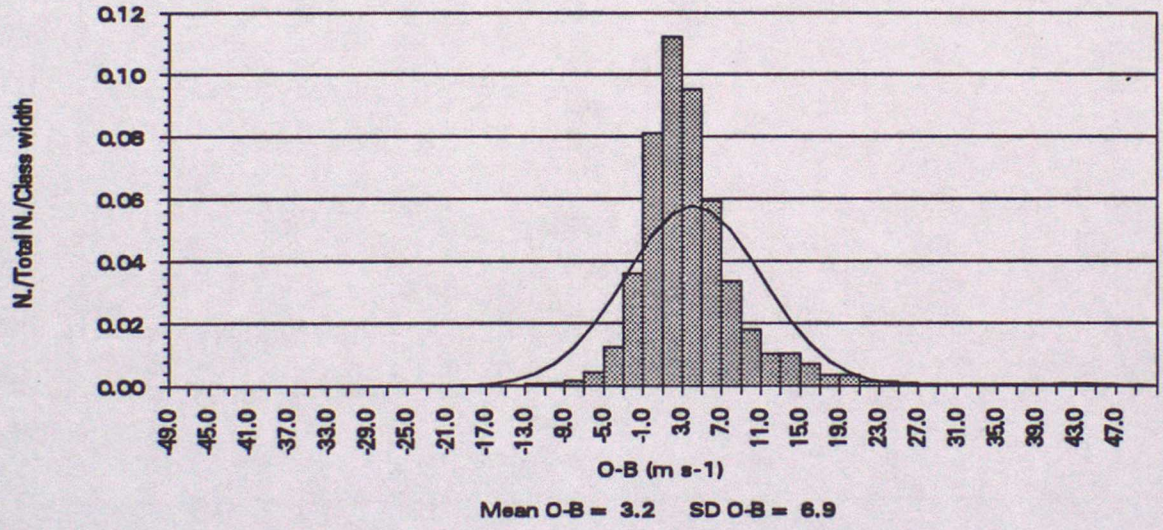
Mean O-B = -0.1 SD O-B = 1.5

Figure 2d: Distribution of ship O-B wind speed (m s-1)
Period of data: Jan-Jun 1997 Data used: All observations



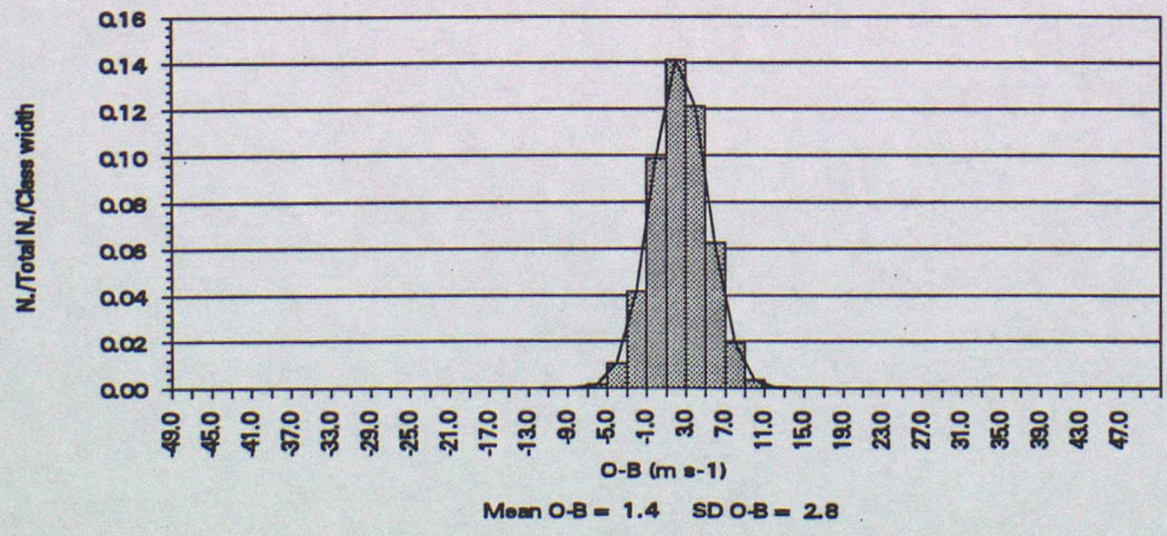
Mean O-B = 1.6 SD O-B = 3.6

Figure 2e: Distribution of ship O-B wind speed (m s-1)
Period of data: Jan-Jun 1997 Data used: Flagged observations



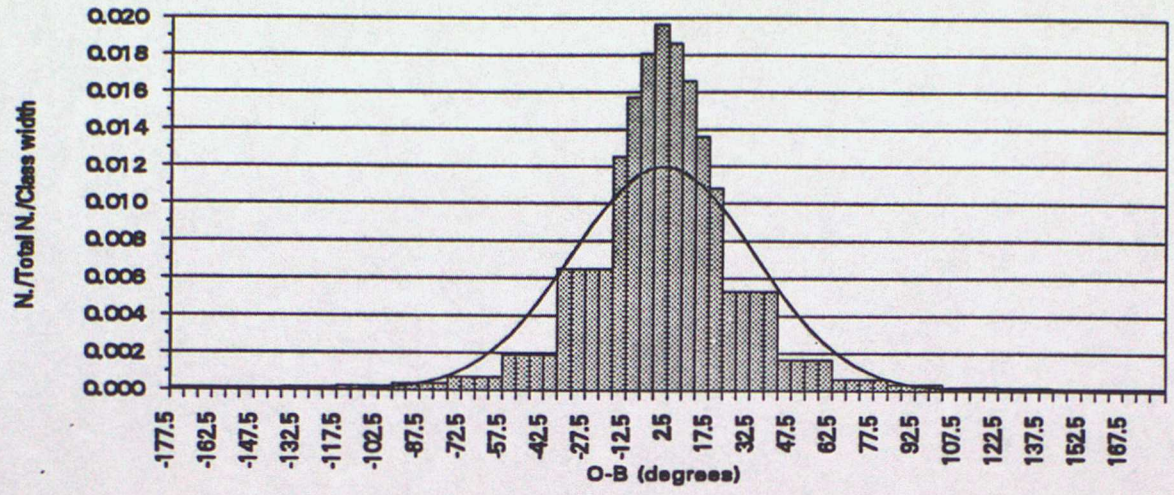
Mean O-B = 3.2 SD O-B = 6.9

Figure 2f: Distribution of ship O-B wind speed (m s-1)
Period of data: Jan-Jun 1997 Data used: Unflagged observations



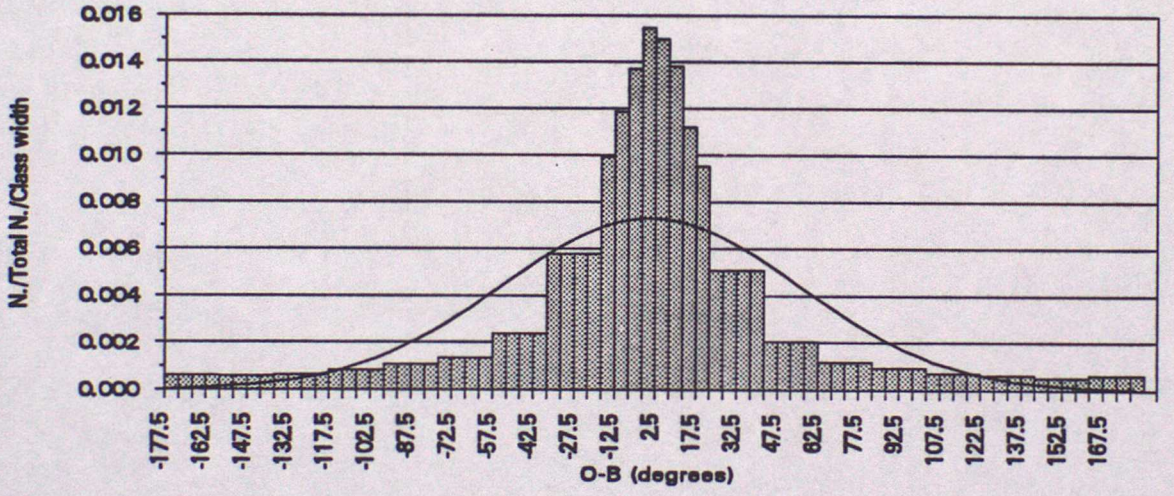
Mean O-B = 1.4 SD O-B = 2.8

Figure 2g: Distribution of ship O-B wind direction (degrees)
Period of data: Jan-Jun 1997 Data used: All observations



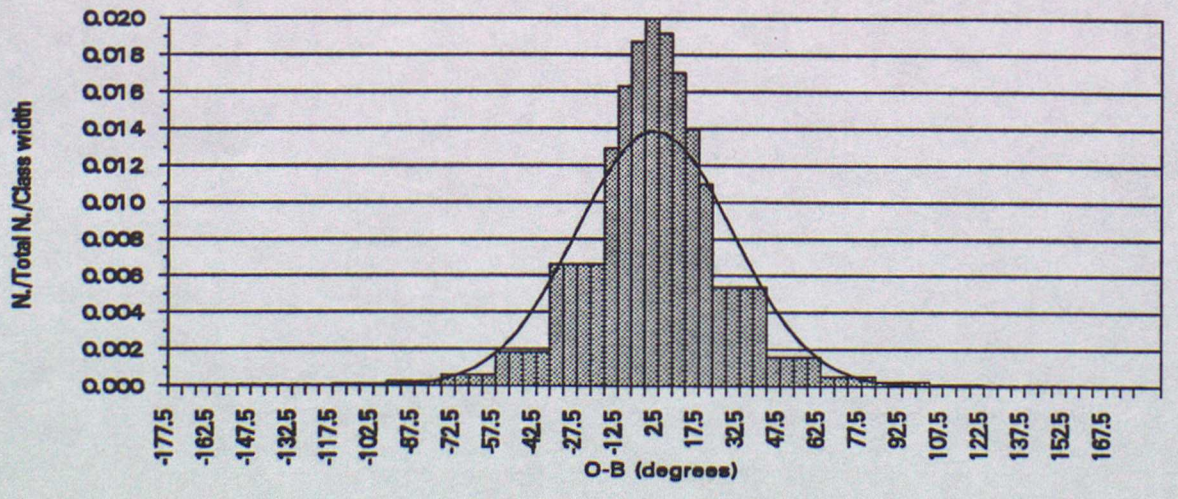
Mean O-B = -1.5 SD O-B = 33.3

Figure 2h: Distribution of ship O-B wind direction (degrees)
Period of data: Jan-Jun 1997 Data used: Flagged observations



Mean O-B = -1.6 SD O-B = 54.7

Figure 2j: Distribution of ship O-B wind direction (degrees)
Period of data: Jan-Jun 1997 Data used: Unflagged observations



Mean O-B = -1.4 SD O-B = 28.8

FIG 3: BIAS OF SHIP PRESSURE O–B. DATE:– JANUARY – JUNE 1997
ONLY OBSERVATIONS PASSING QUALITY CONTROL USED IN STATISTICS
CONTOURS DRAWN TO 10 DEGREE BOXES IF N. OF OBS > 10
AREAS SHADED HAVE BIAS OF MAGNITUDE GREATER THAN 0.5 HPA

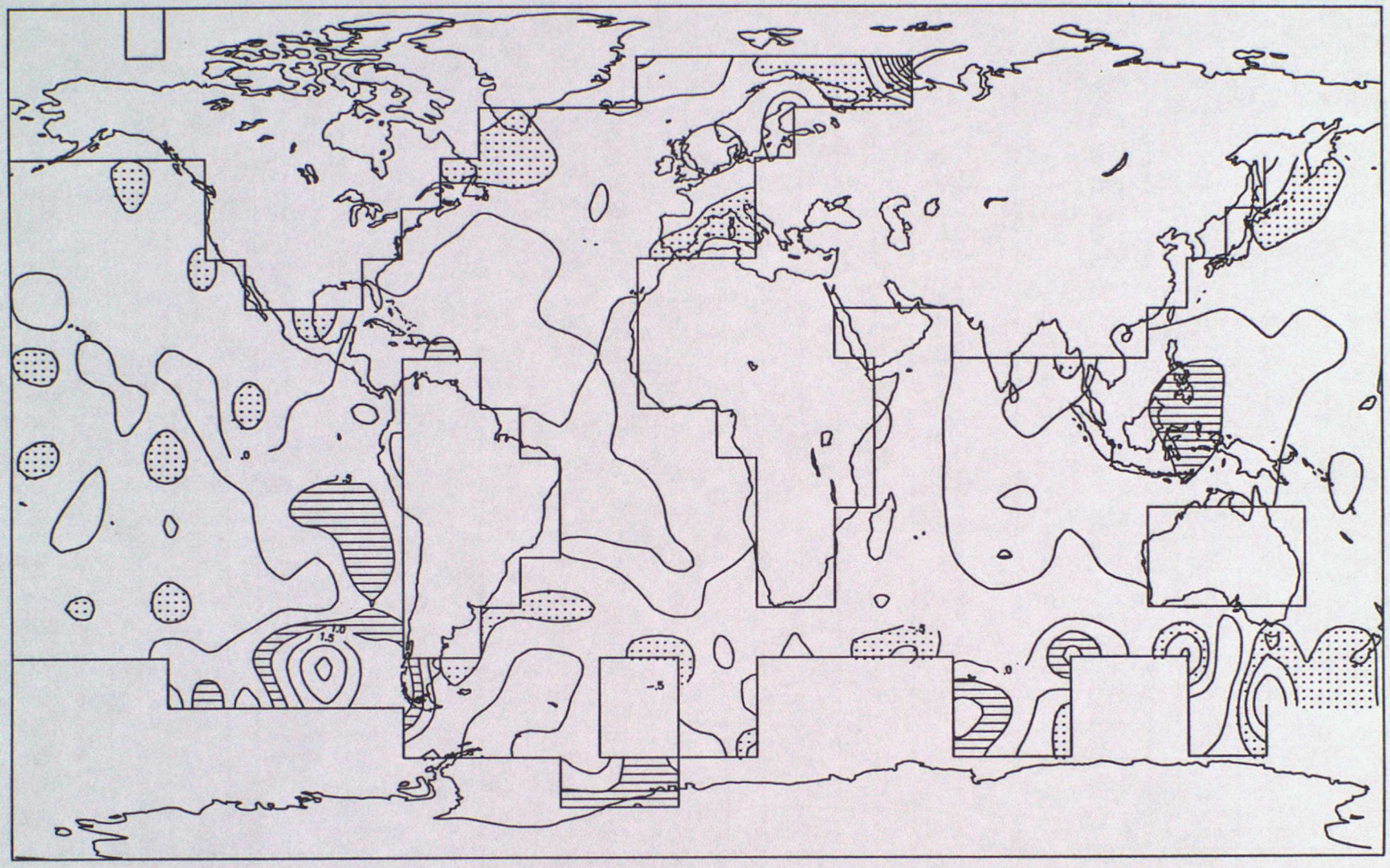


FIG 4: S.D. OF SHIP PRESSURE O-B. DATE:- JANUARY - JUNE 1997
ONLY OBSERVATIONS PASSING QUALITY CONTROL USED IN STATISTICS
CONTOURS DRAWN TO 10 DEGREE BOXES IF N. OF OBS > 10
AREAS SHADED HAVE STANDARD DEVIATION GREATER THAN 2.0HPA

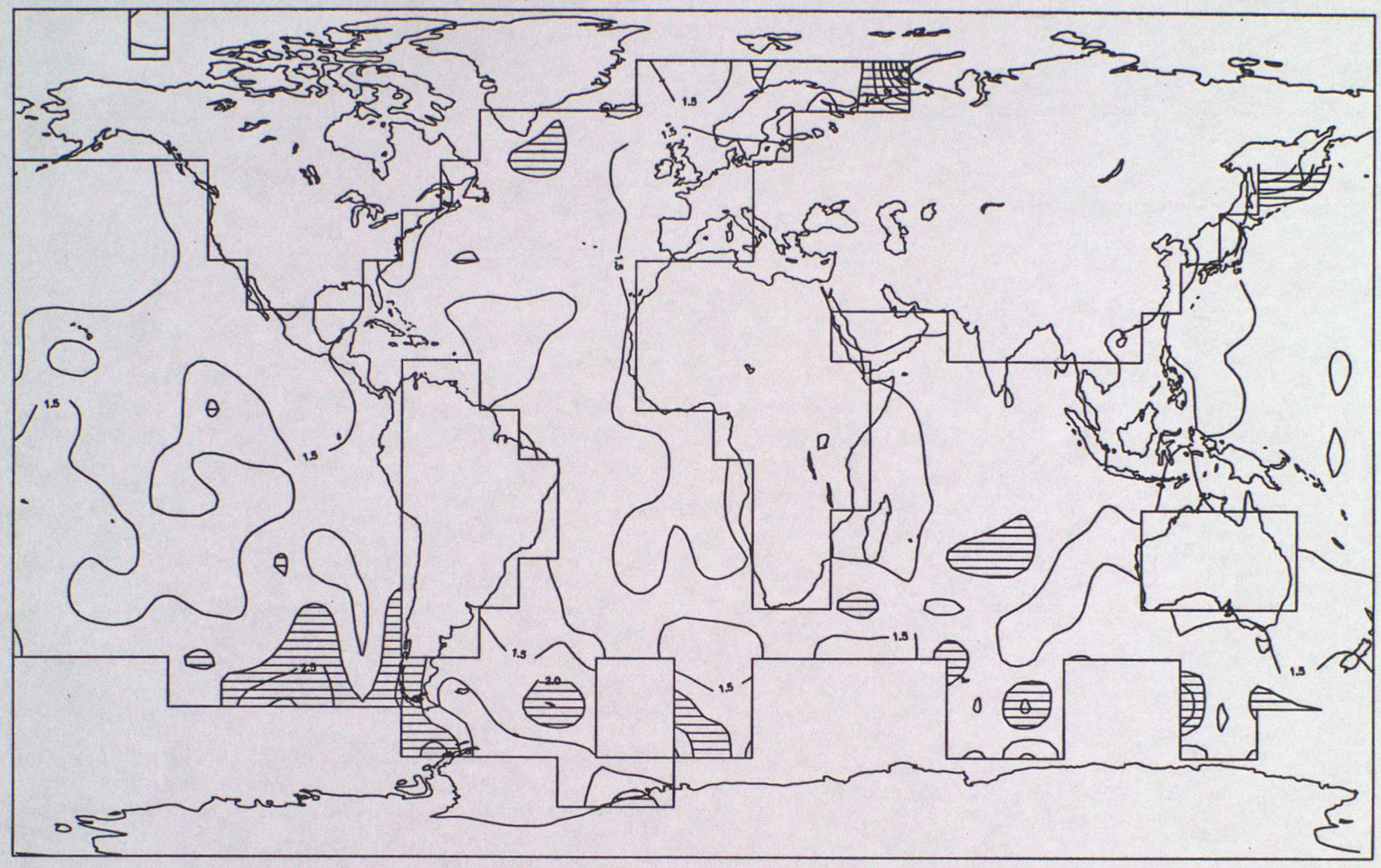


FIG 5:
PLOT OF NUMBER OF SHIP PRESSURE OBS. DATE:– JANUARY – JUNE 1997
ONLY OBSERVATIONS PASSING QUALITY CONTROL INCLUDED

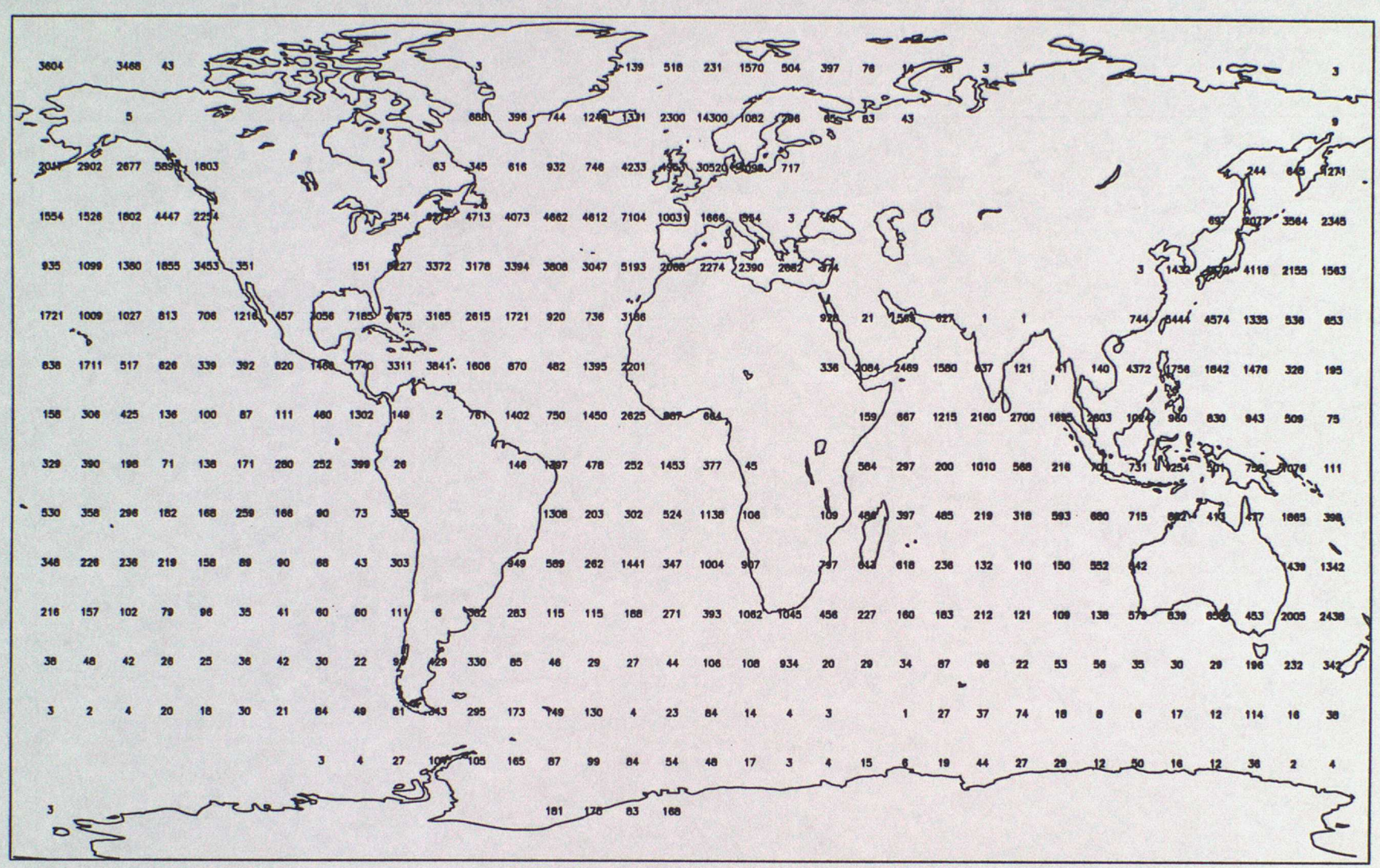


FIG 6: BIAS OF SHIP O-B WIND SPEED IN MS-1. DATE:- JANUARY - JUNE 1997
ONLY OBSERVATIONS PASSING QUALITY CONTROL USED IN STATISTICS
CONTOURS DRAWN TO 10 DEGREE BOXES IF N. OF OBS > 10
AREAS SHADED HAVE BIAS OF MAGNITUDE GREATER THAN 2.0MS-1

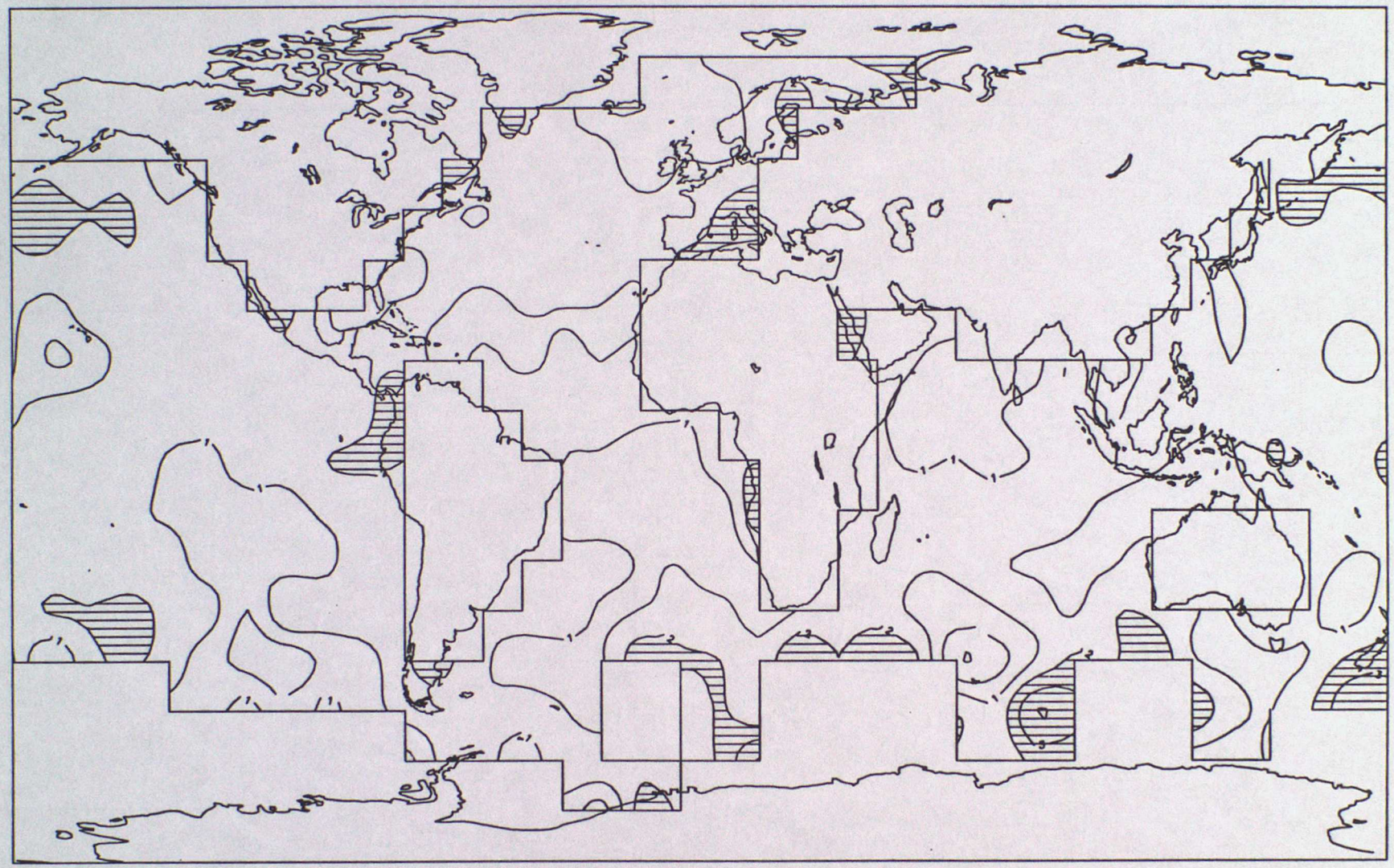


FIG 7: S.D. OF SHIP O−B WIND SPEED IN MS−1. DATE:− JANUARY − JUNE 1997
ONLY OBSERVATIONS PASSING QUALITY CONTROL USED IN STATISTICS
CONTOURS DRAWN TO 10 DEGREE BOXES IF N. OF OBS > 10
AREAS SHADED HAVE STANDARD DEVIATION GREATER THAN 4.0 MS−1

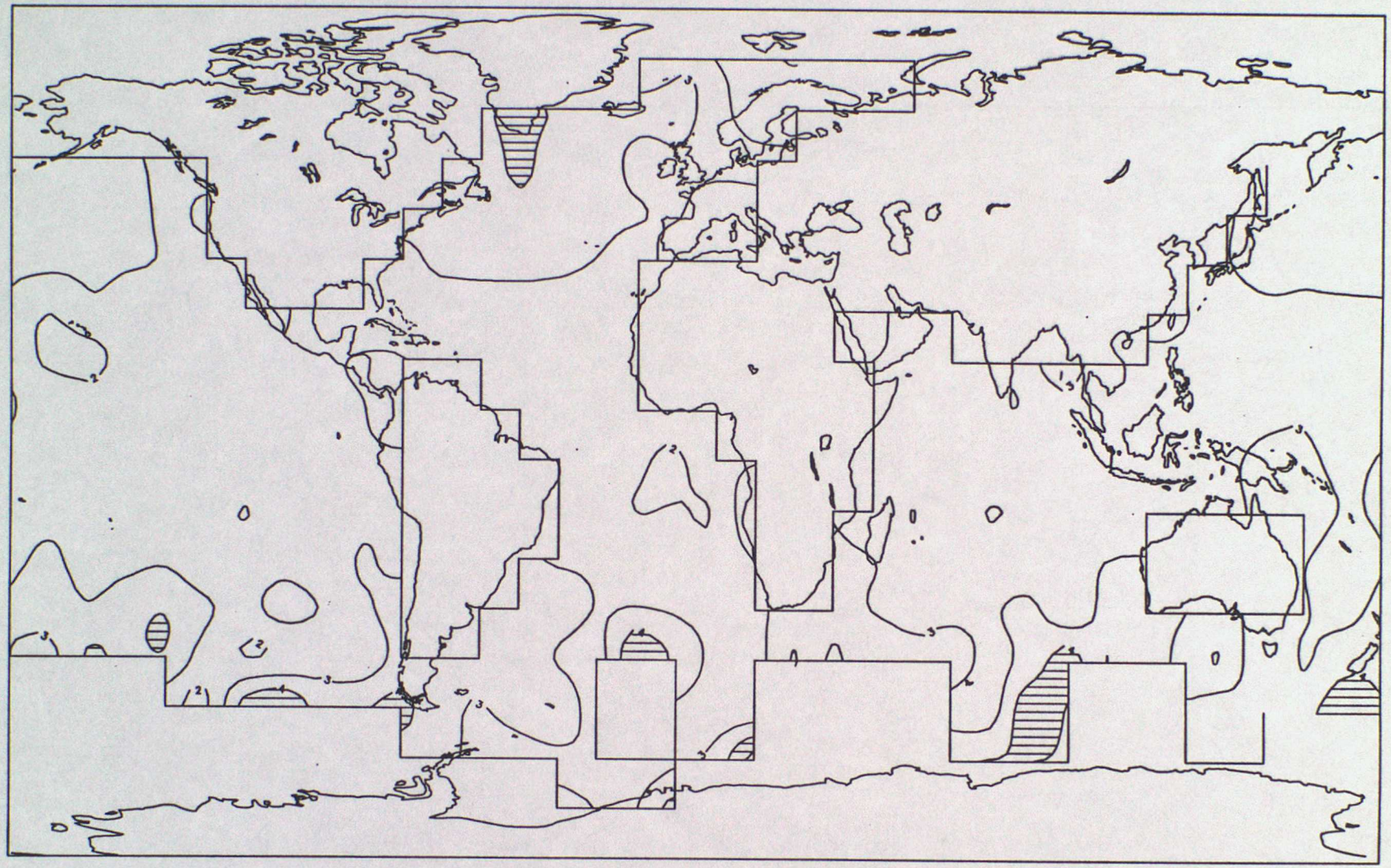


FIG 8:
PLOT OF NUMBER OF SHIP WIND SPEED OBS. DATE:– JANUARY – JUNE 1997
ONLY OBSERVATIONS PASSING QUALITY CONTROL INCLUDED

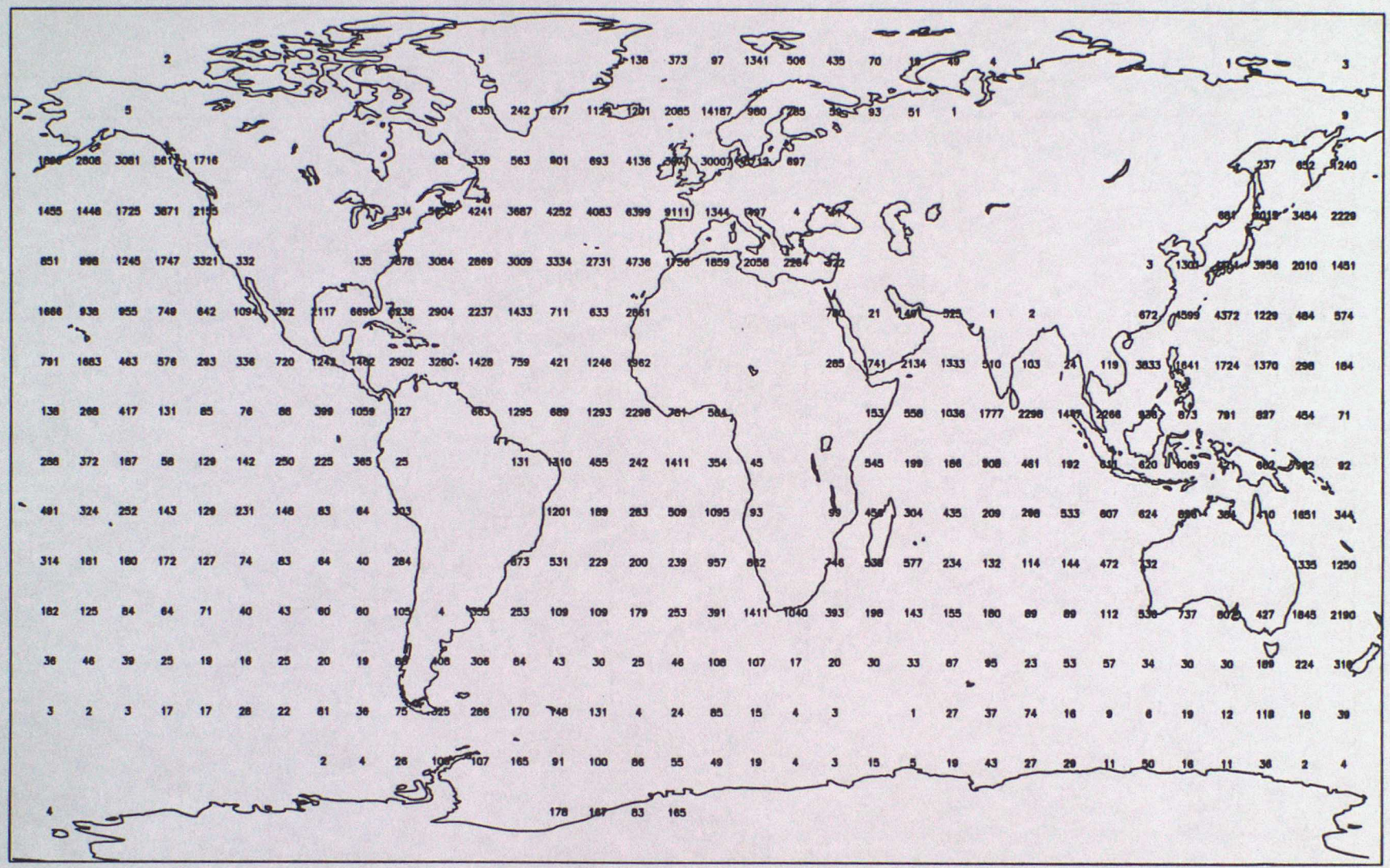


FIG 9: BIAS OF SHIP O–B WIND DIRECTION IN DEG. DATE:– JANUARY – JUNE 1997
ONLY OBSERVATIONS PASSING QUALITY CONTROL USED IN STATISTICS
CONTOURS DRAWN TO 10 DEGREE BOXES IF N. OF OBS > 10
AREAS SHADED HAVE BIAS OF MAGNITUDE GREATER THAN 10 DEG

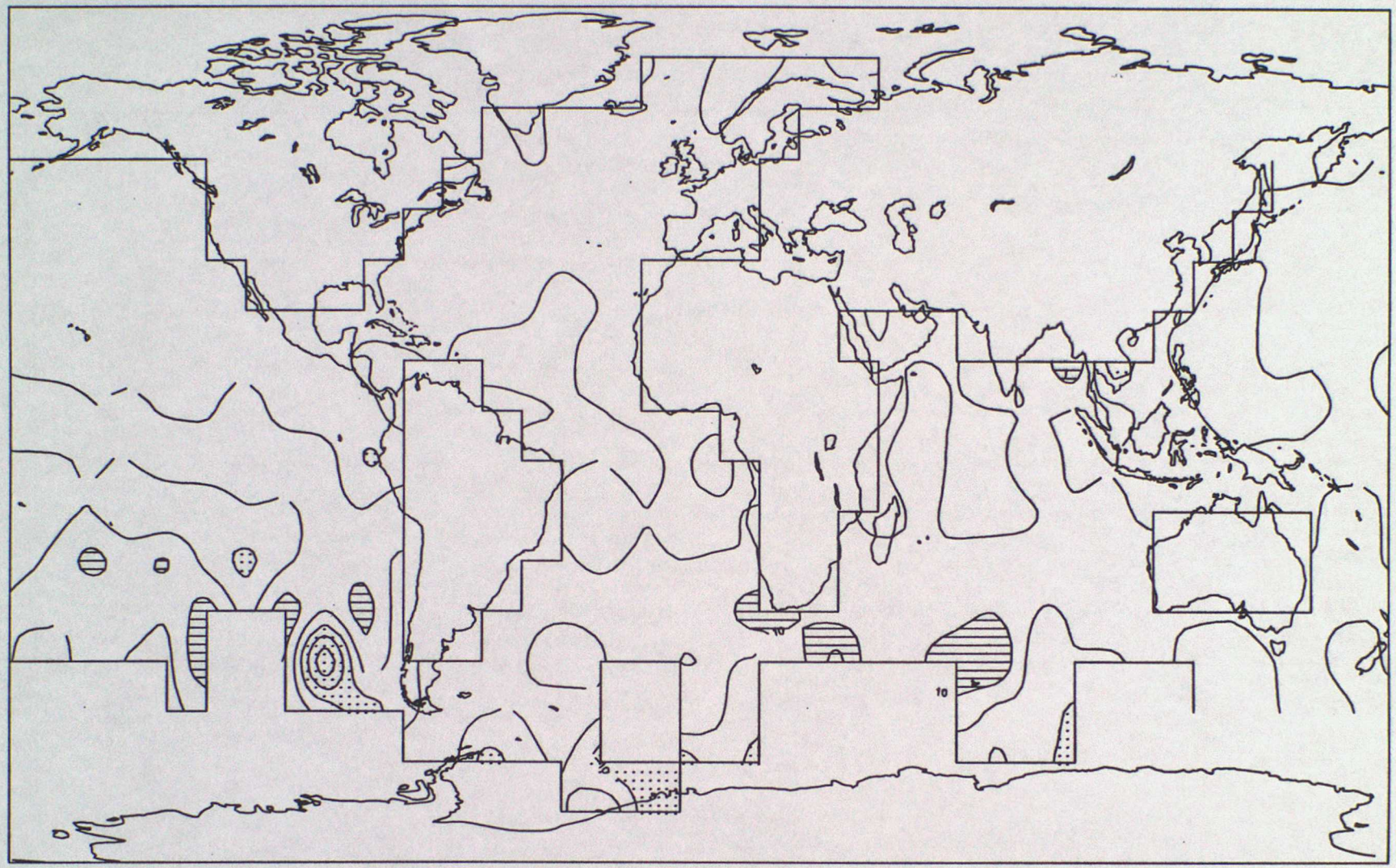


FIG 10: S.D. OF SHIP O–B WIND DIRECTION IN DEG. DATE:– JANUARY – JUNE 1997
ONLY OBSERVATIONS PASSING QUALITY CONTROL USED IN STATISTICS
CONTOURS DRAWN TO 10 DEGREE BOXES IF N. OF OBS > 10
AREAS SHADED HAVE STANDARD DEVIATION GREATER THAN 40 DEG

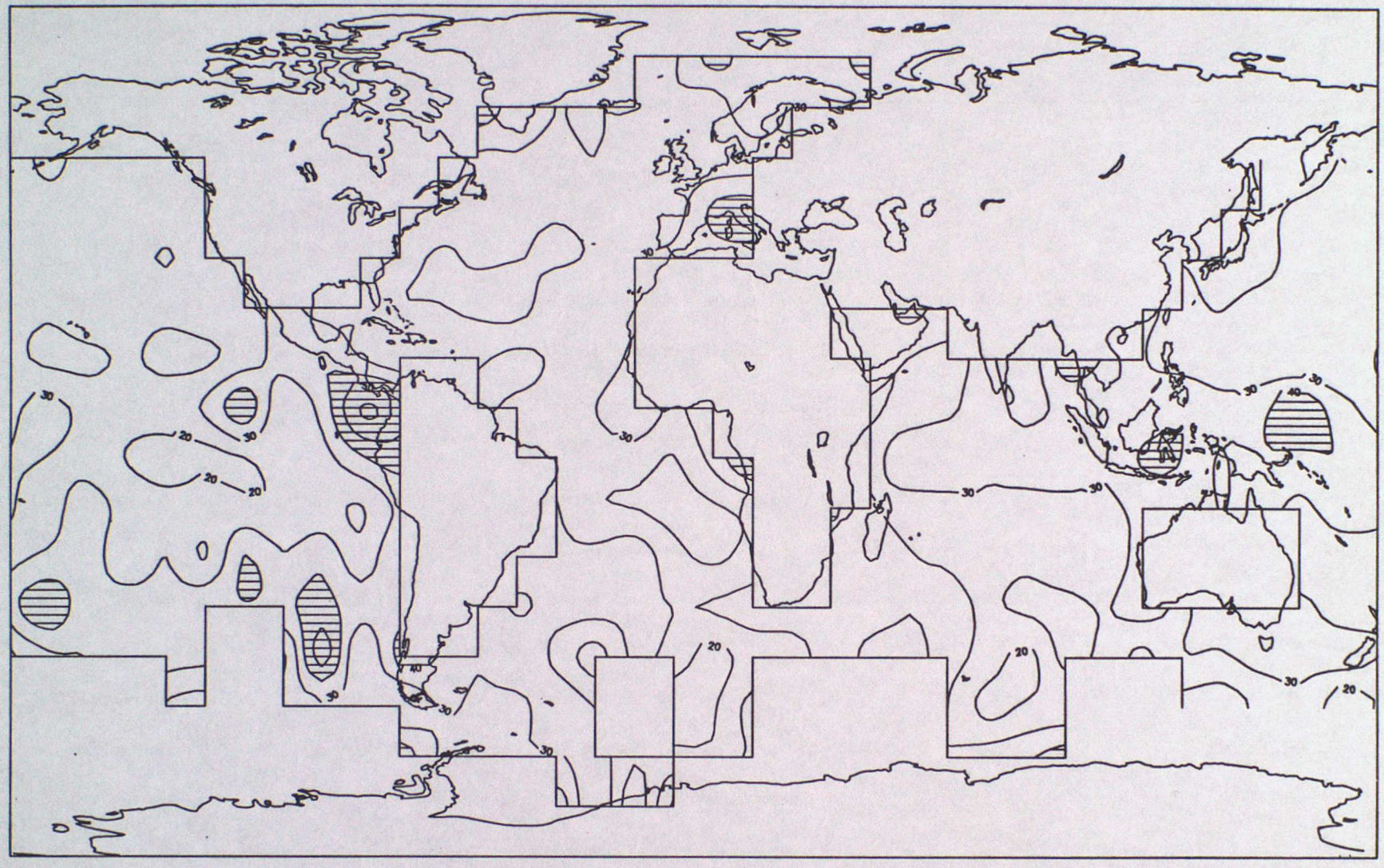


FIG 11:
PLOT OF NUMBER OF SHIP WIND DIRECTION OBS. DATE:– JANUARY – JUNE 1997
ONLY OBSERVATIONS PASSING QUALITY CONTROL INCLUDED

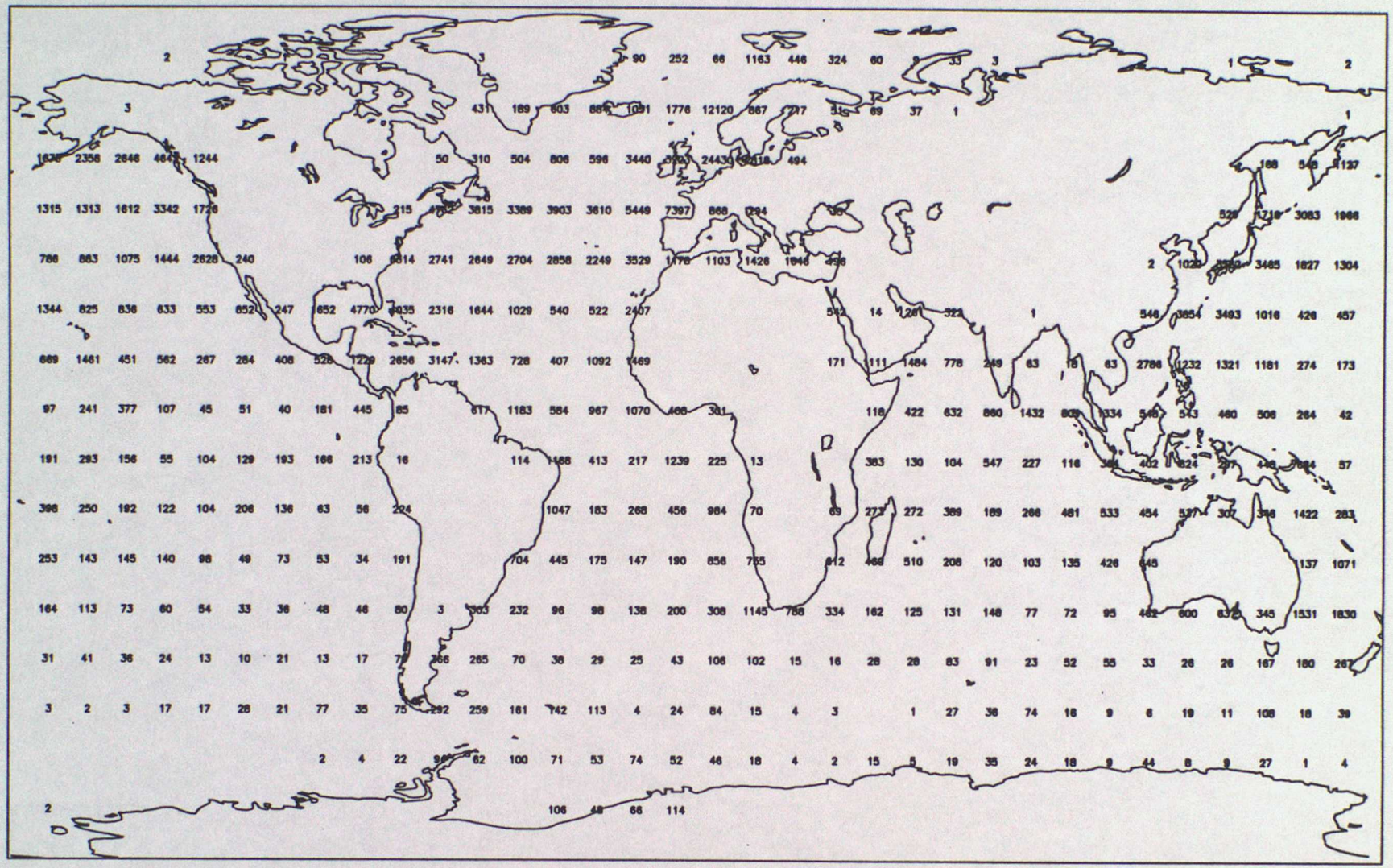


Figure12: **Sea surface temperature statistics for each observation type, for northern and southern hemisheres, January to June 1997**

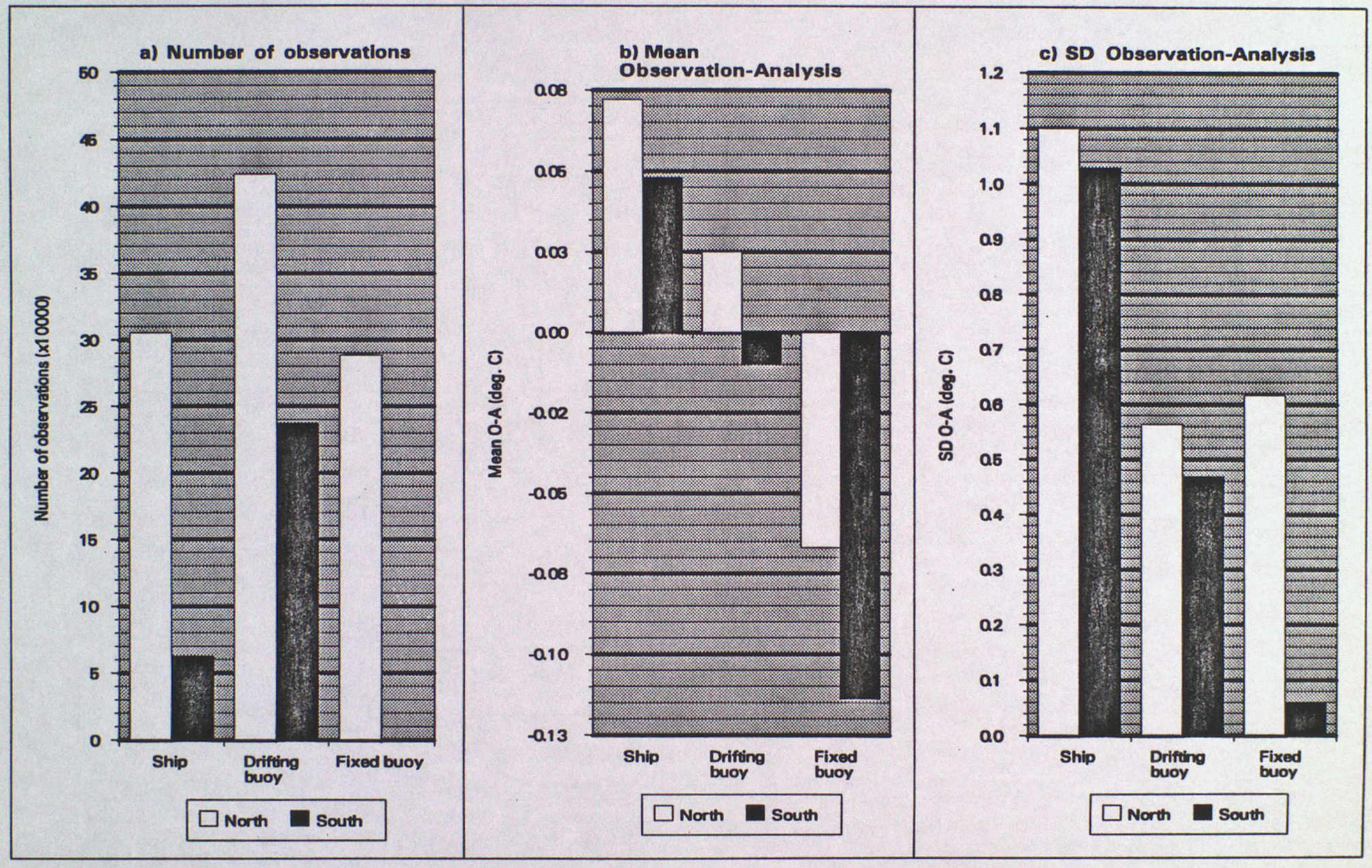


FIG 13: BIAS OF SHIP SEA SURFACE TEMPERATURES (O–A) IN DEG C
DATE:– JANUARY – JUNE 1997
ONLY OBSERVATIONS PASSING QUALITY CONTROL USED IN STATISTICS
CONTOURS PLOTTED AT INTERVALS OF 0.2 DEG C

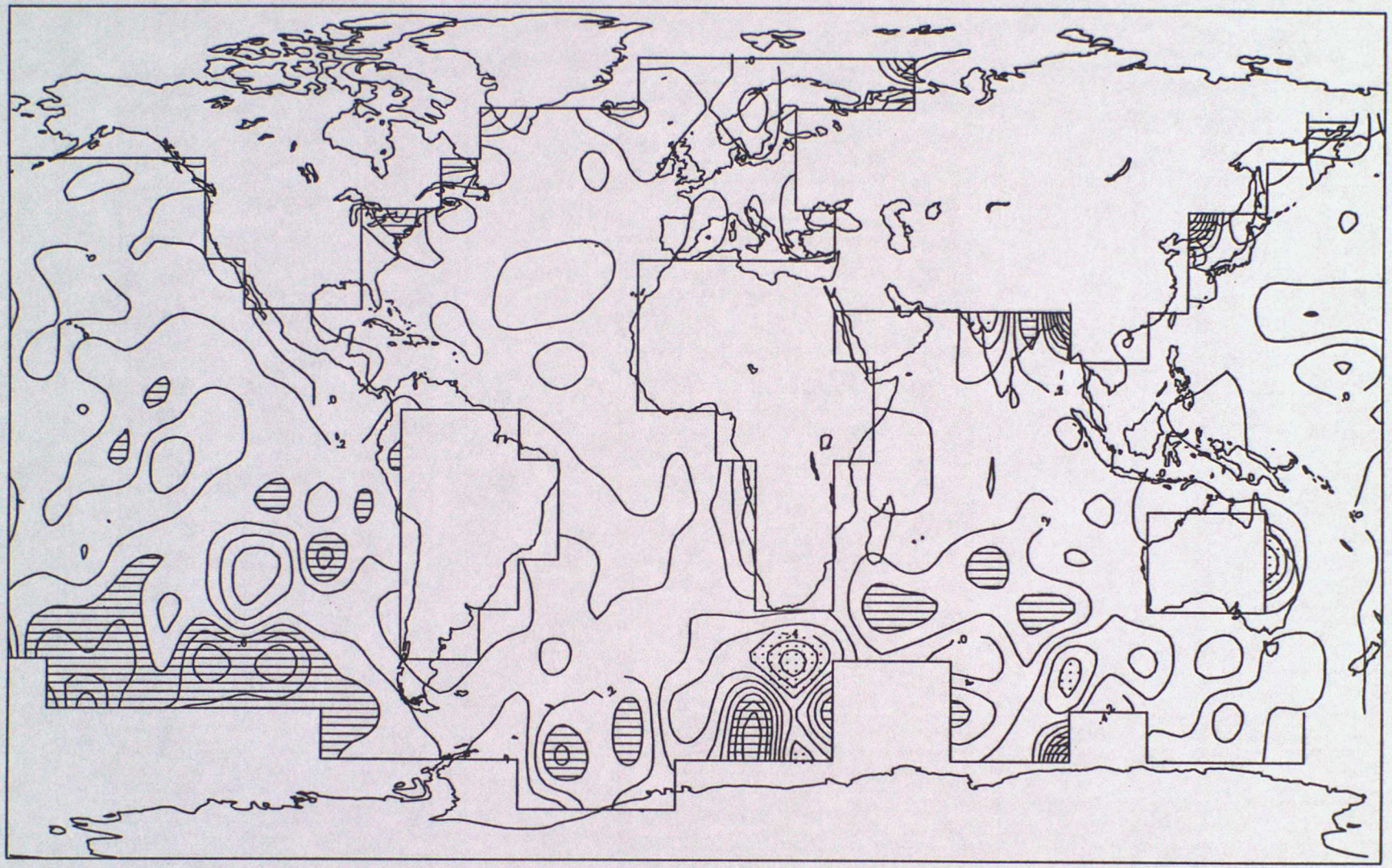


FIG 14: S.D. OF SHIP SEA SURFACE TEMPERATURES (O–A) IN DEG C
DATE:– JANUARY – JUNE 1997
ONLY OBSERVATIONS PASSING QUALITY CONTROL USED IN STATISTICS
CONTOURS PLOTTED AT INTERVALS OF 0.2 DEG C

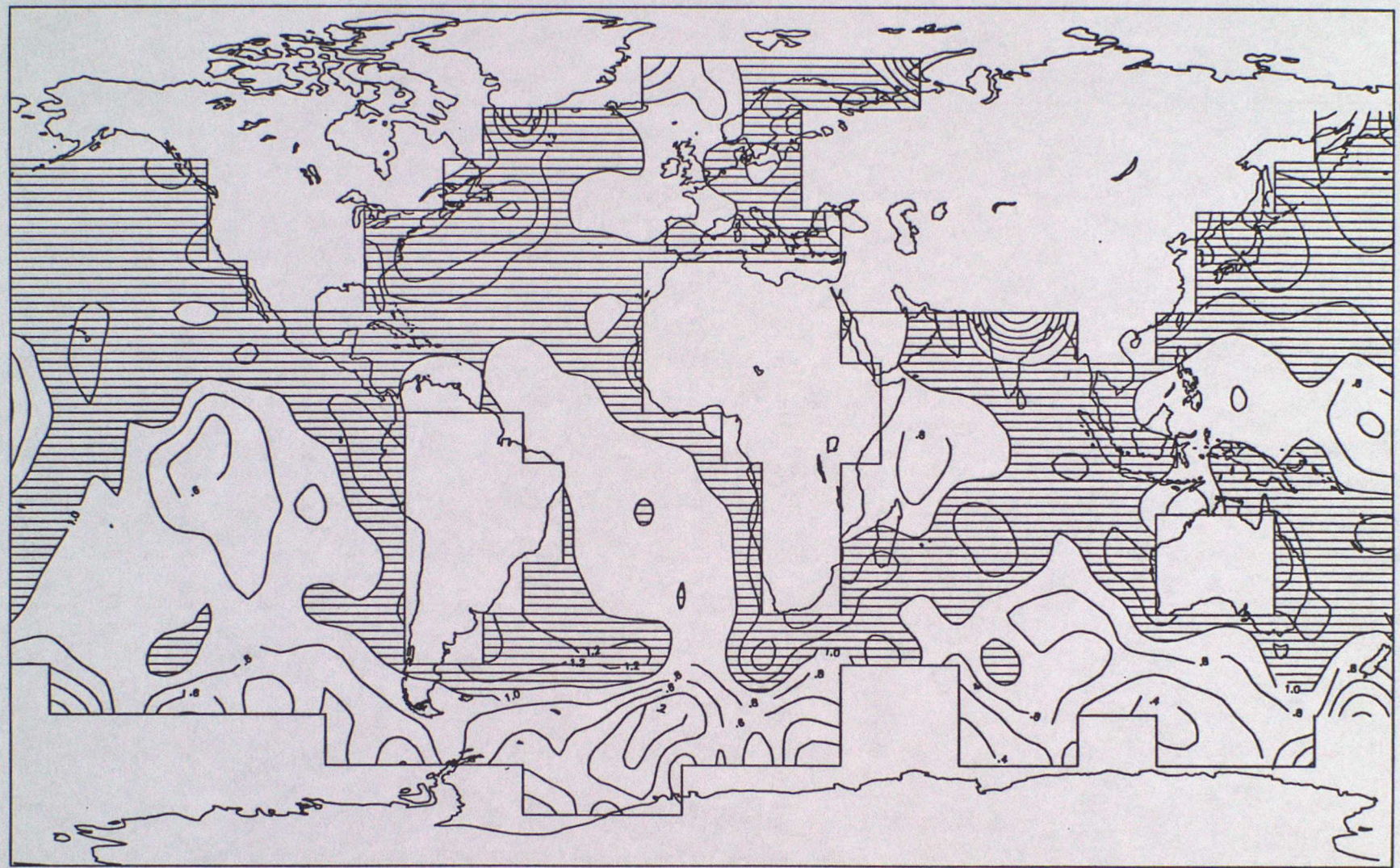


FIG 15:
NUMBER OF SHIP SEA–SURFACE TEMPERATURE OBSERVATIONS
DATE:– JANUARY – JUNE 1997
ONLY OBSERVATIONS PASSING QUALITY CONTROL ARE INCLUDED

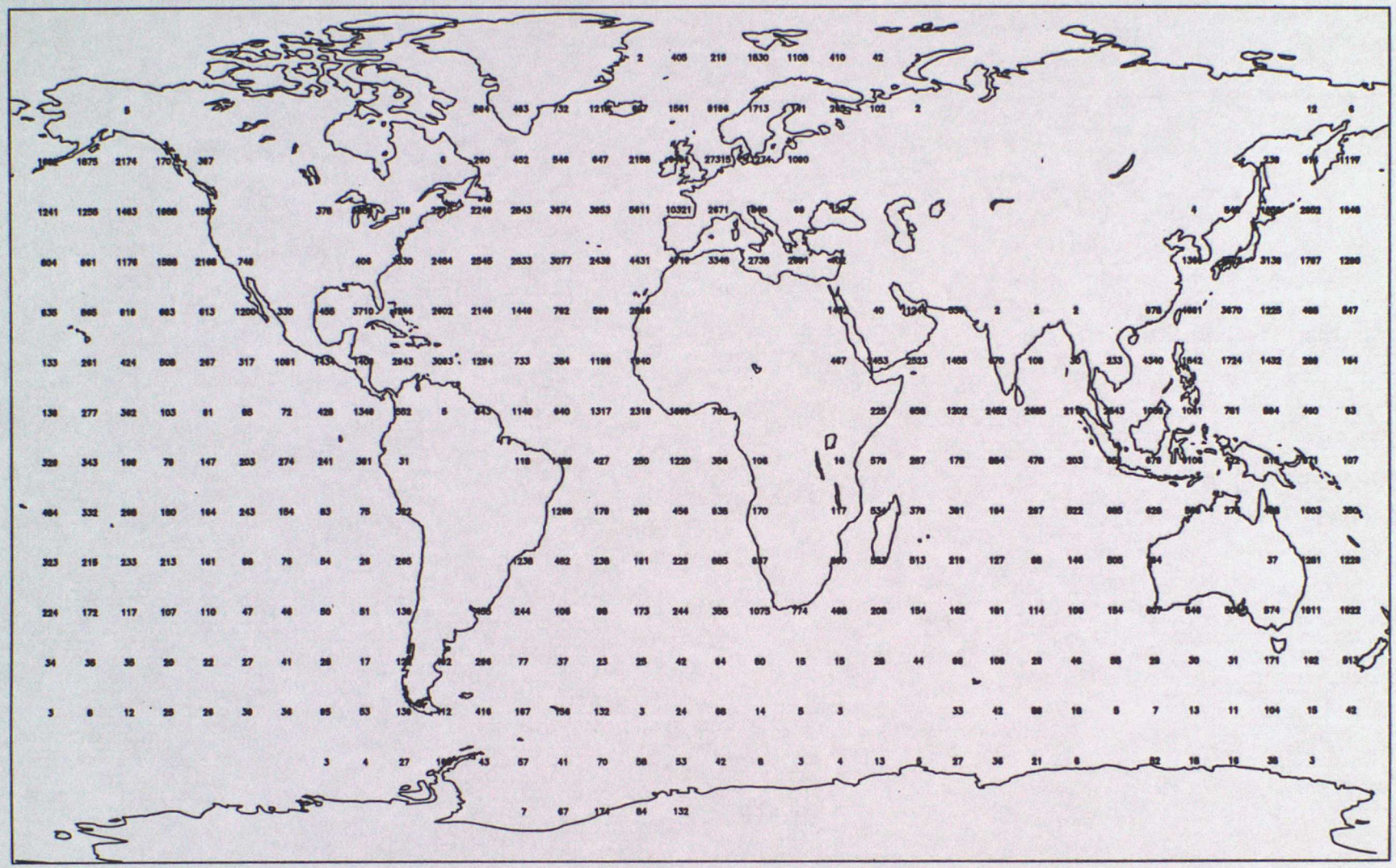


FIG 16:
NUMBER OF FIXED BUOY SEA–SURFACE TEMPERATURE OBSERVATIONS
DATE:– JANUARY – JUNE 1997
ONLY OBSERVATIONS PASSING QUALITY CONTROL ARE INCLUDED

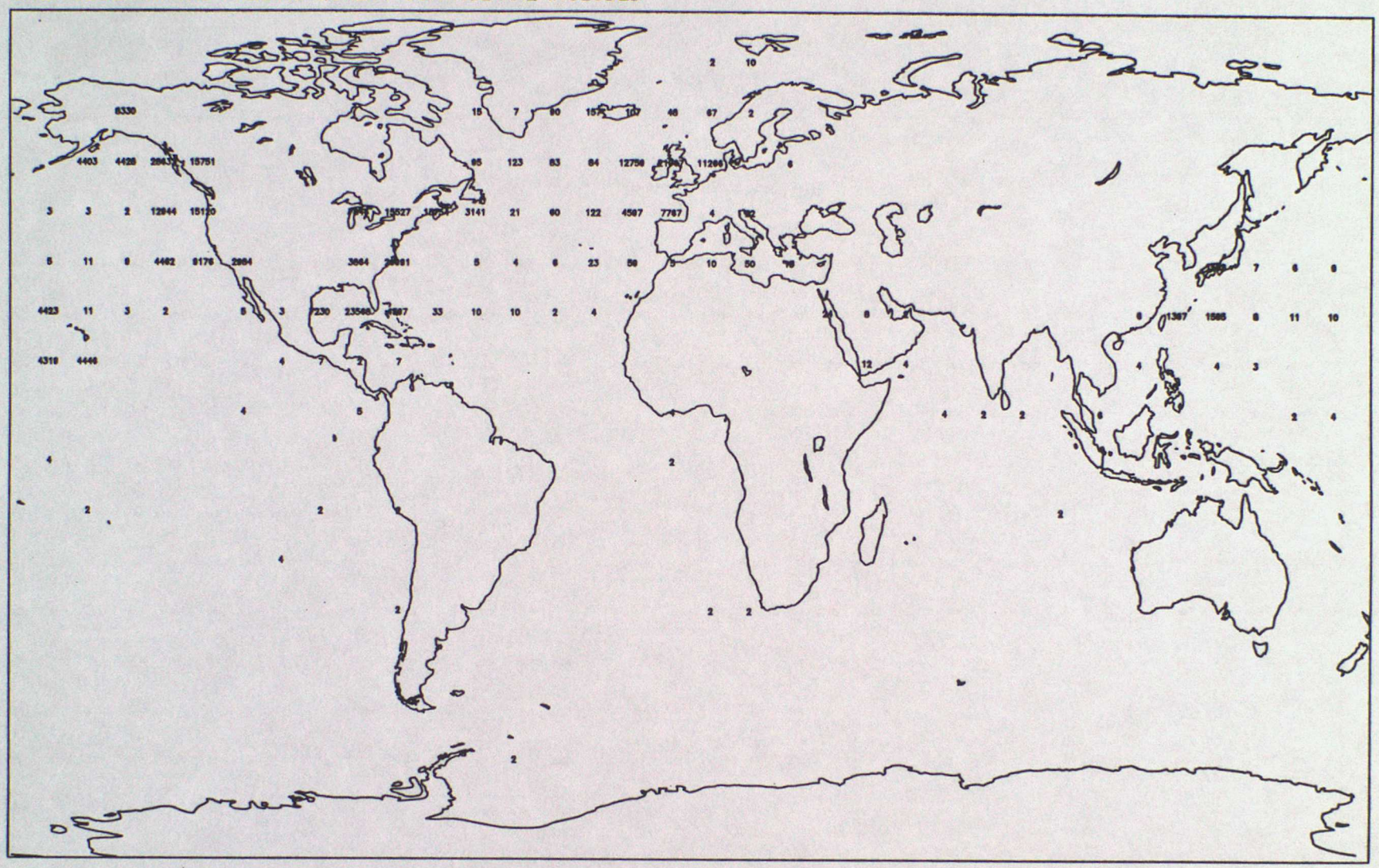
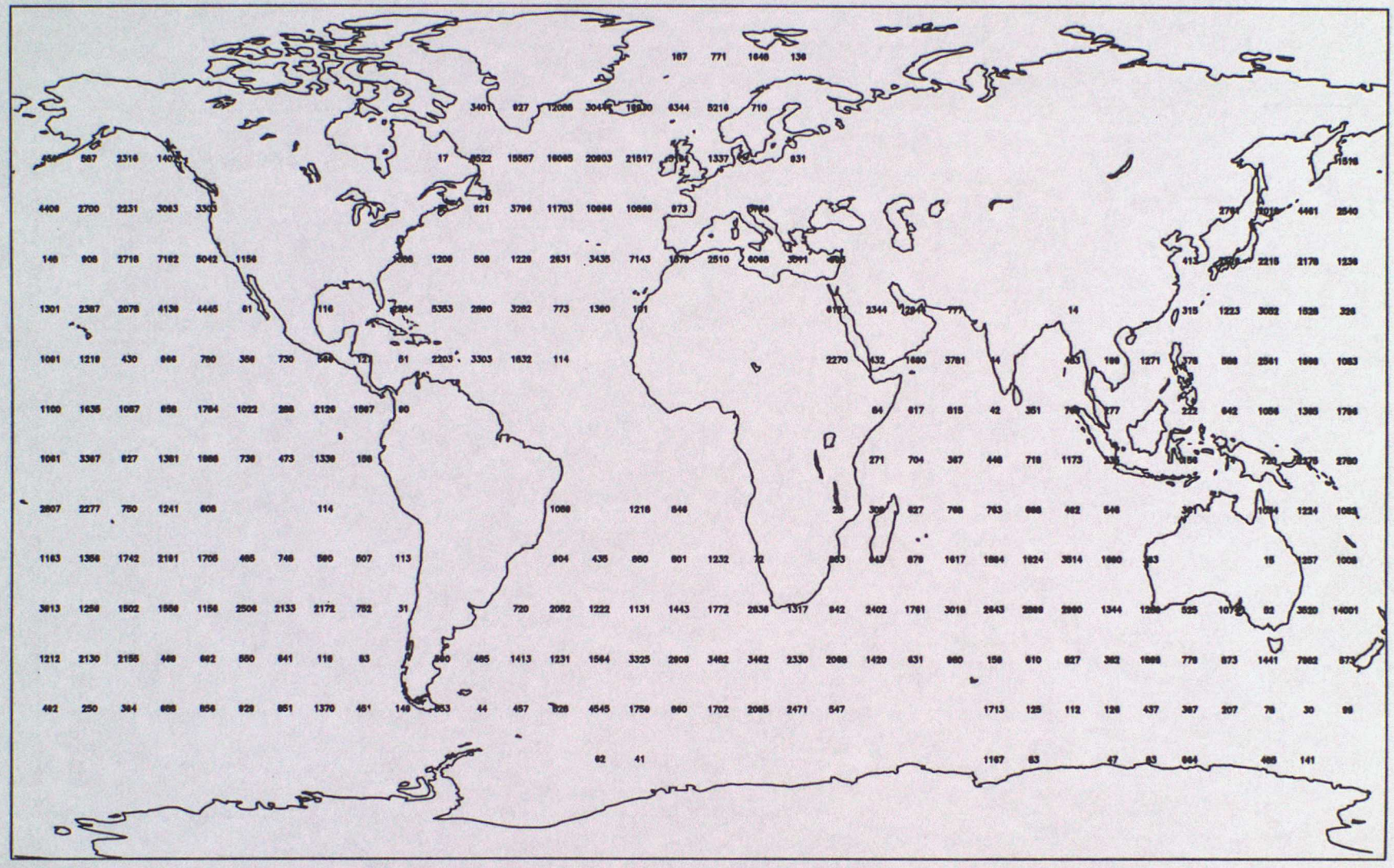


FIG 17:
NUMBER OF DRIFTING BUOY SEA–SURFACE TEMPERATURE OBSERVATIONS
DATE:– JANUARY – JUNE 1997
ONLY OBSERVATIONS PASSING QUALITY CONTROL ARE INCLUDED



O-B pressure (hPa) for identifier 17506
Number of obs. plotted = 1482 Number of outliers = 1
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
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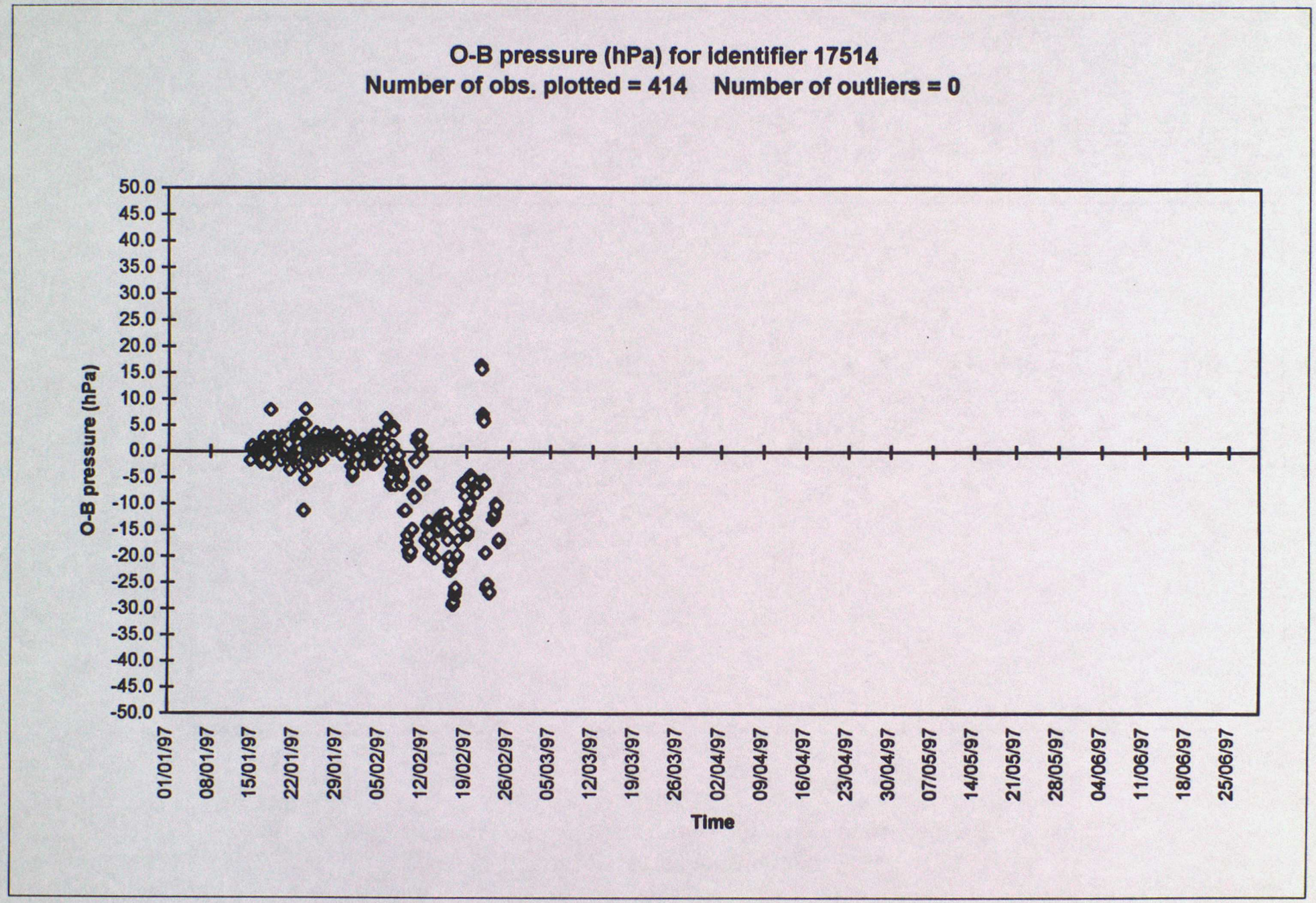
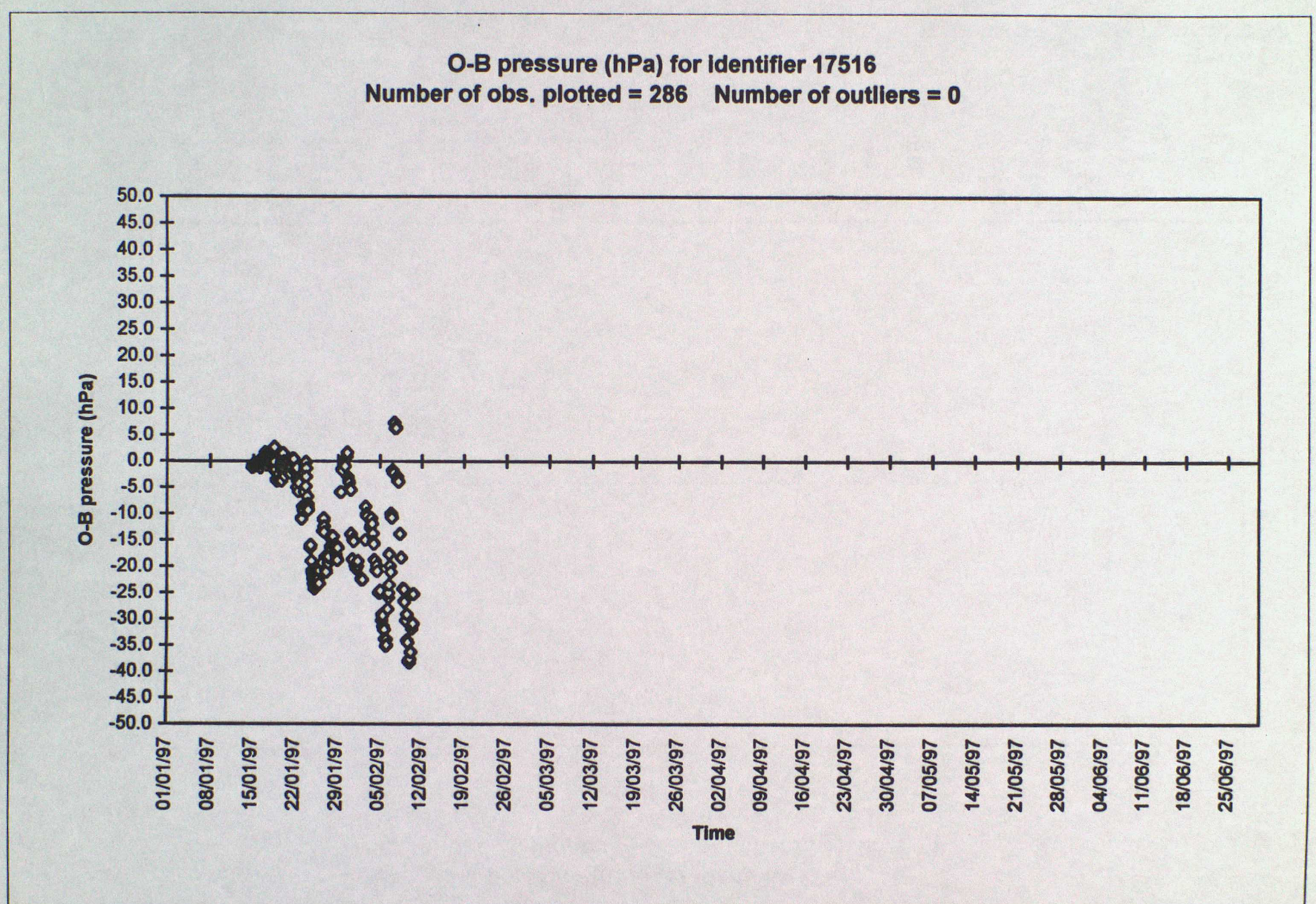
11/06/97
18/06/97
25/06/97

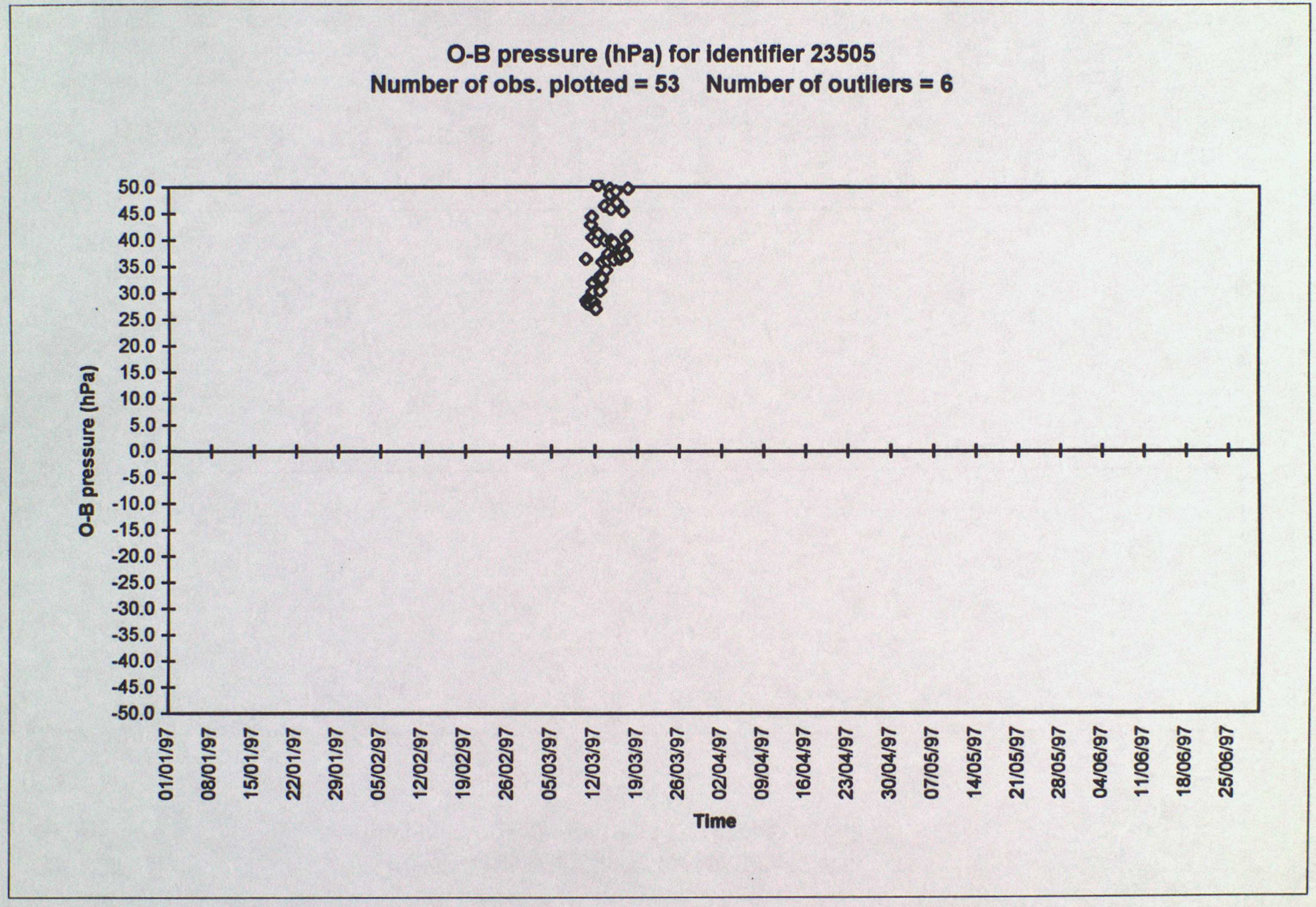

O-B pressure (hPa) for identifier 17514
Number of obs. plotted = 414 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time


O-B pressure (hPa) for identifier 17516
Number of obs. plotted = 286 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-B pressure (hPa) for identifier 17518
Number of obs. plotted = 422 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for Identifier 17522
Number of obs. plotted = 418 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

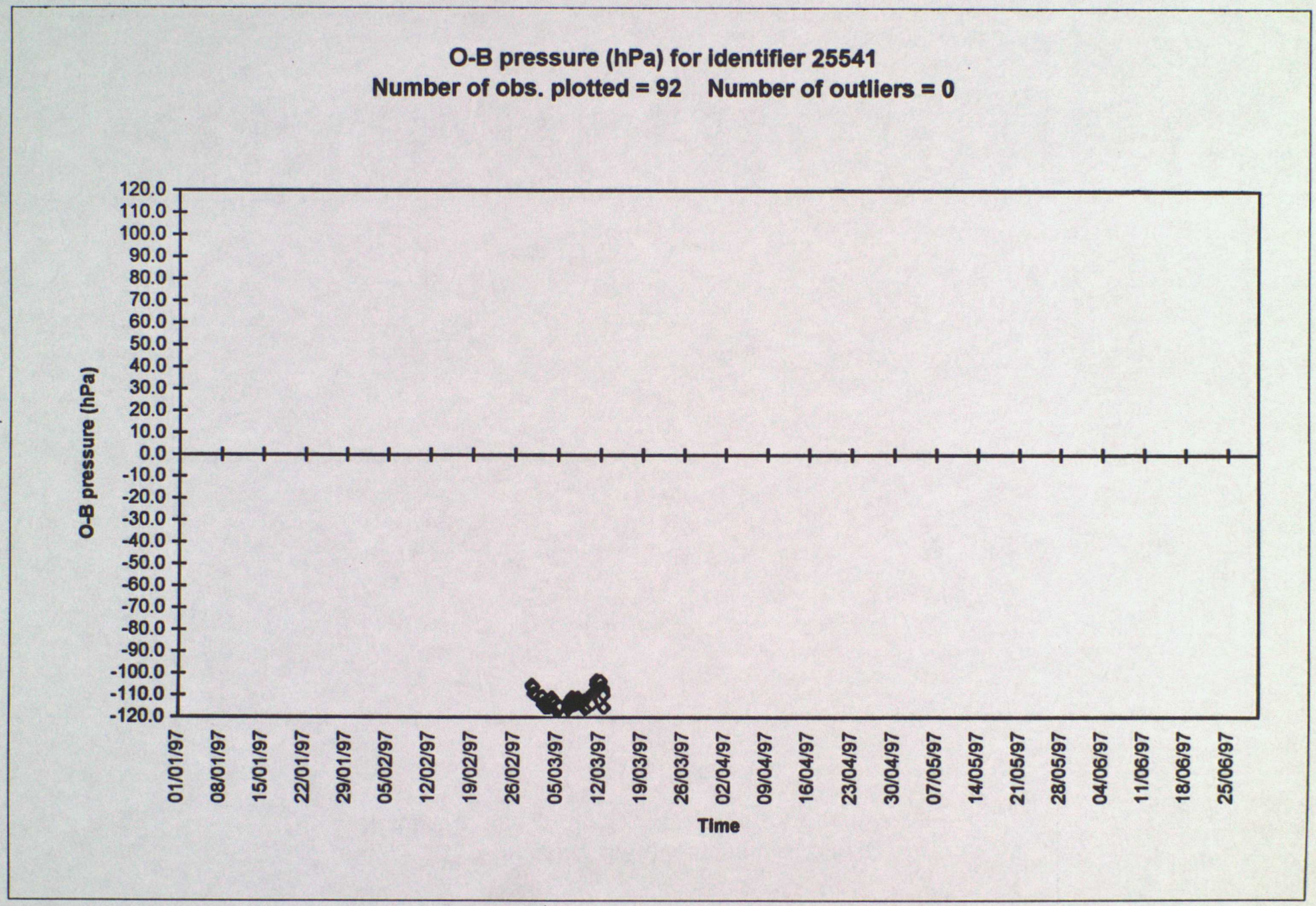
O-B pressure (hPa) for identifier 17907
Number of obs. plotted = 1373 Number of outliers = 9
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

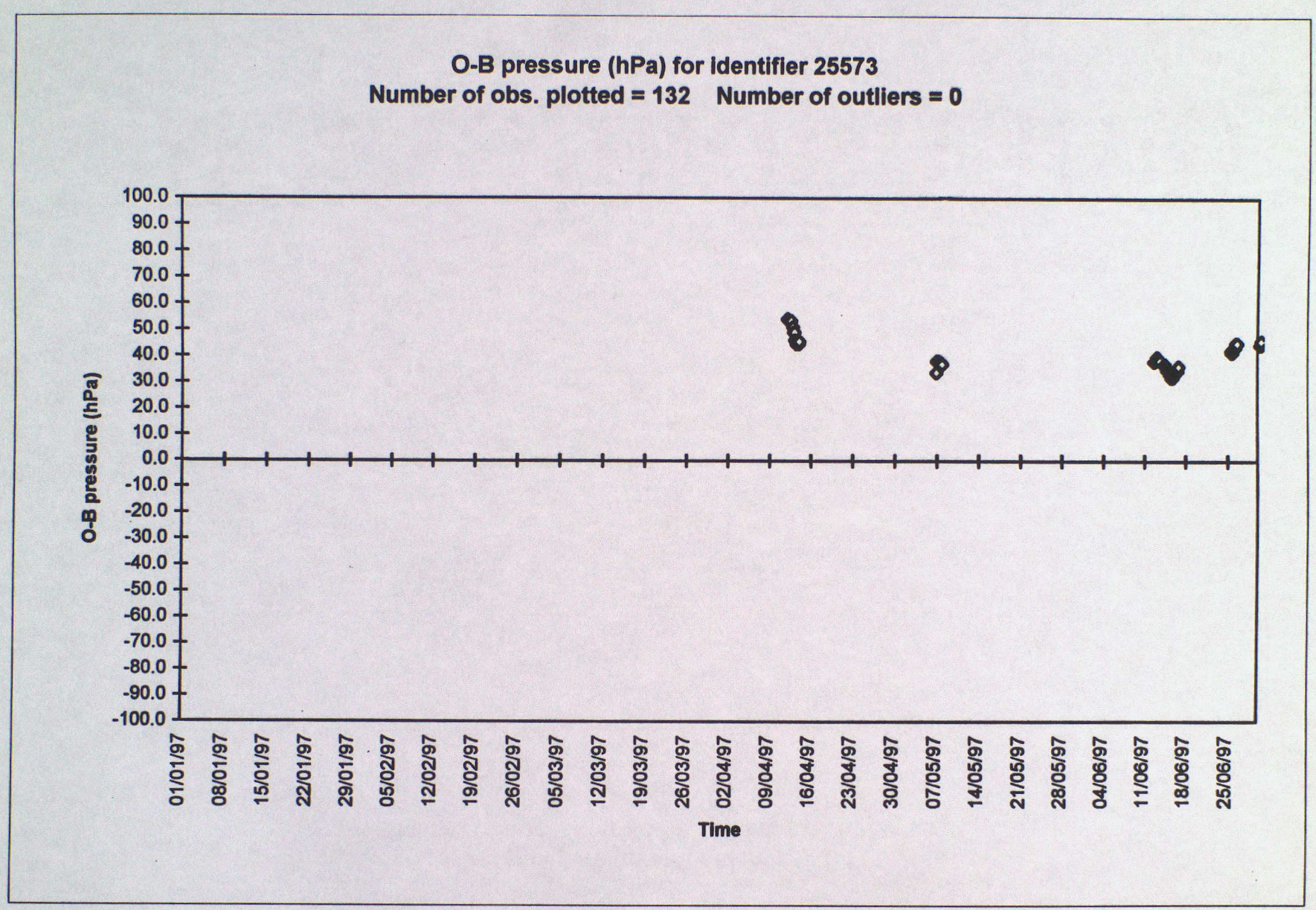

O-B pressure (hPa) for identifier 23505
Number of obs. plotted = 53 Number of outliers = 6
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

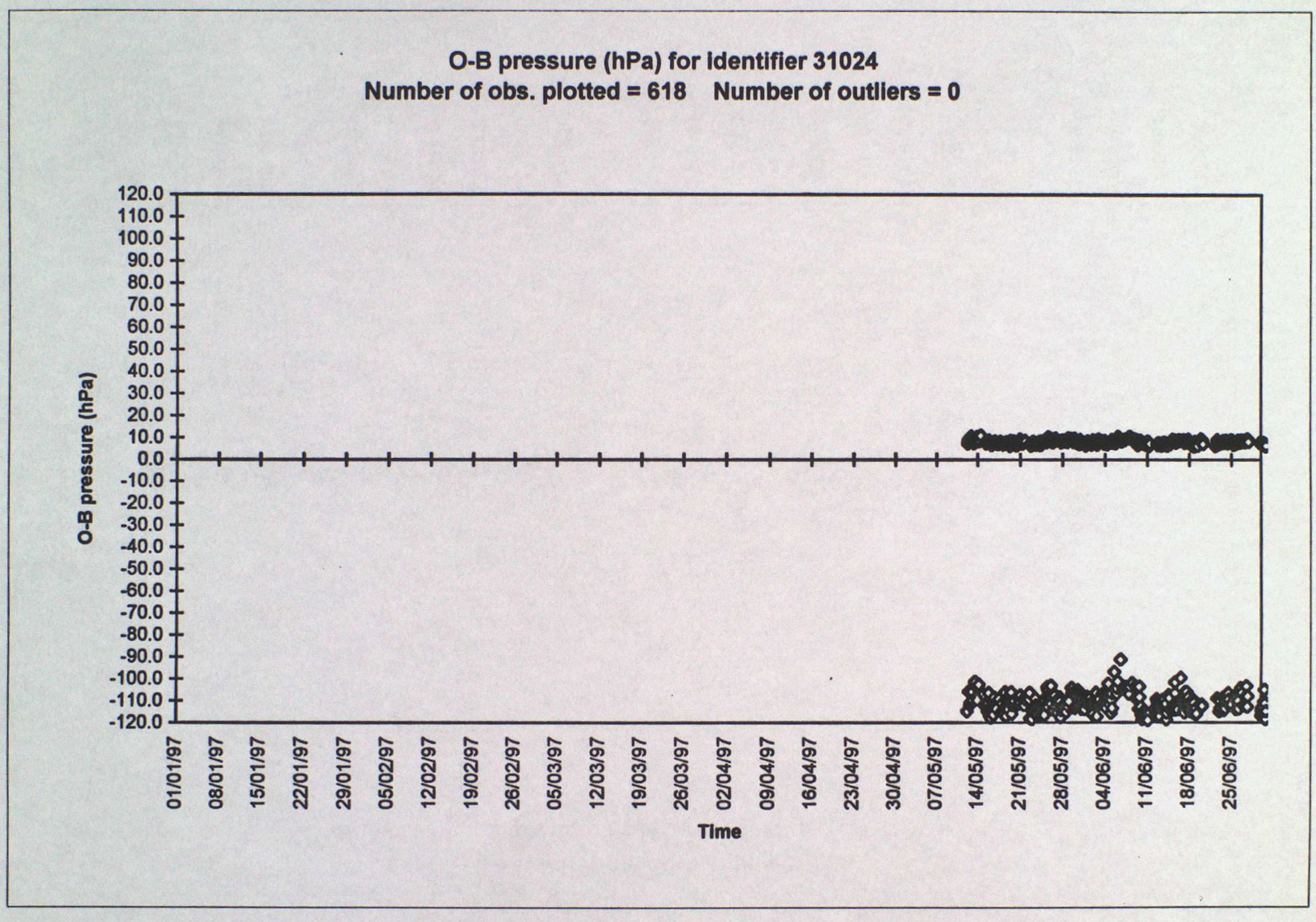
O-B pressure (hPa) for identifier 23513
Number of obs. plotted = 114 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

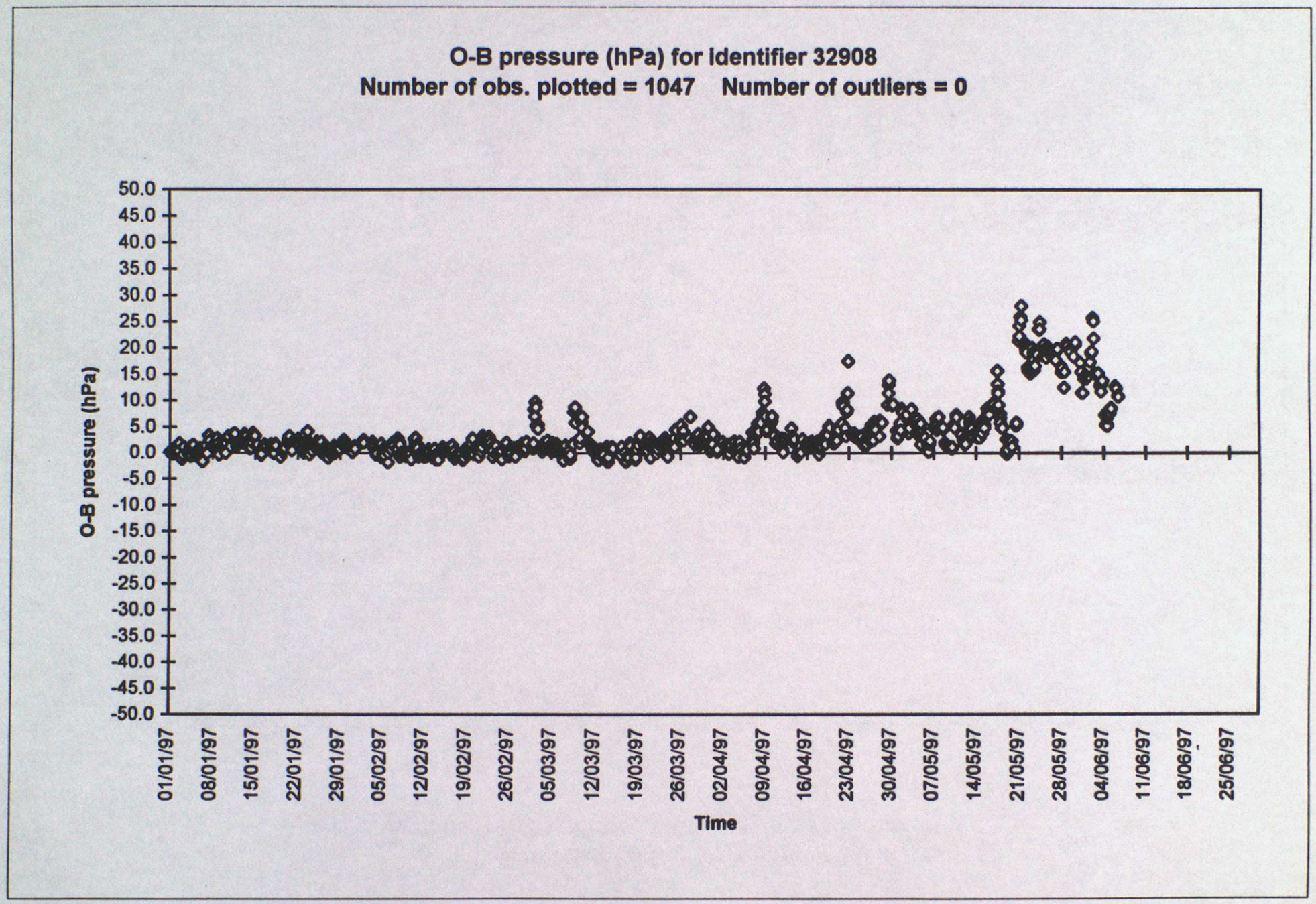
O-B pressure (hPa) for identifier 23518
Number of obs. plotted = 86 Number of outliers = 14
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

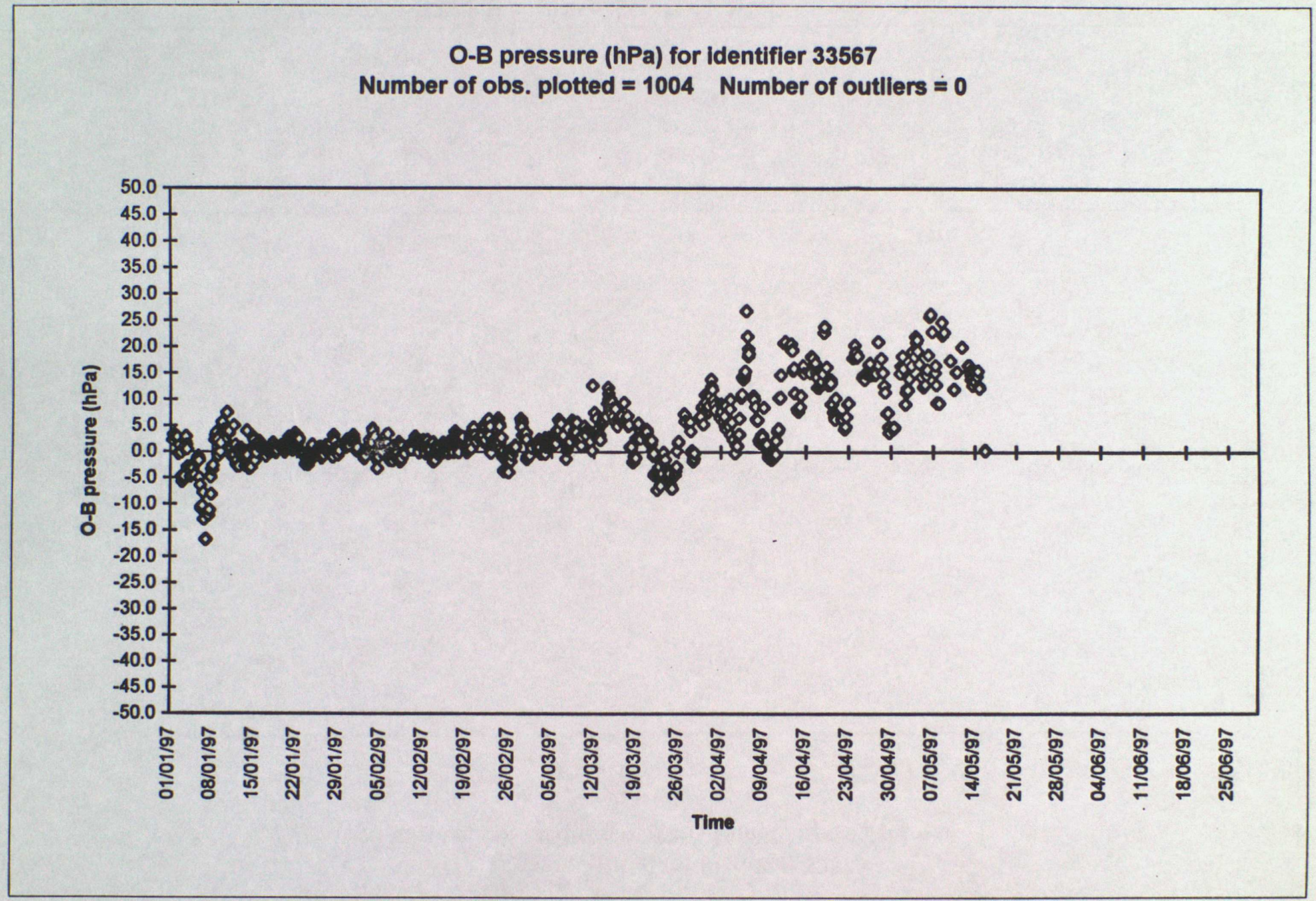
O-B pressure (hPa) for identifier 23950
Number of obs. plotted = 96 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-B pressure (hPa) for identifier 25541
Number of obs. plotted = 92 Number of outliers = 0
O-B pressure (hPa)
120.0
110.0
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
-100.0
-110.0
-120.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

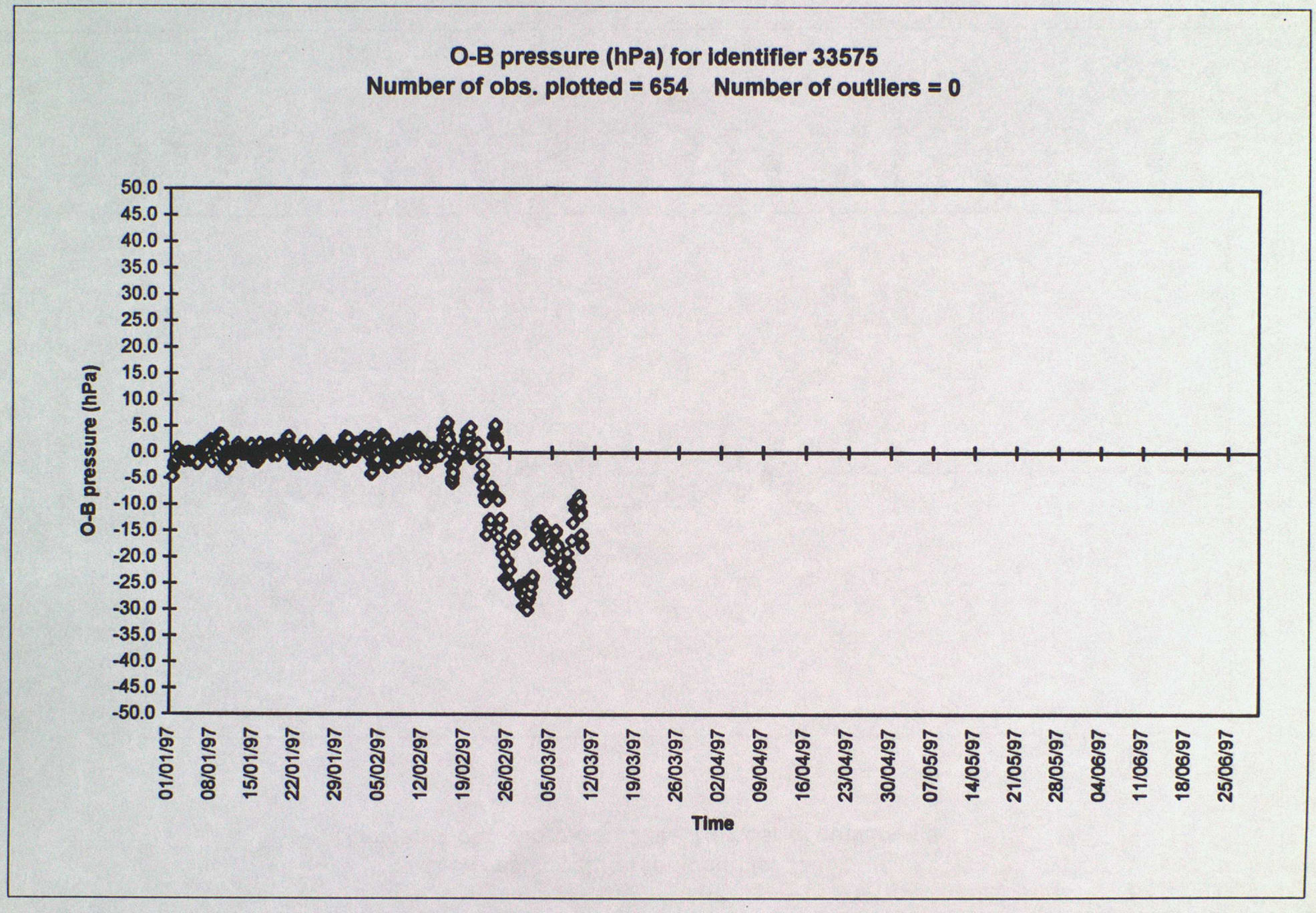

O-B pressure (hPa) for identifier 25573
Number of obs. plotted = 132 Number of outliers = 0
O-B pressure (hPa)
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
-100.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

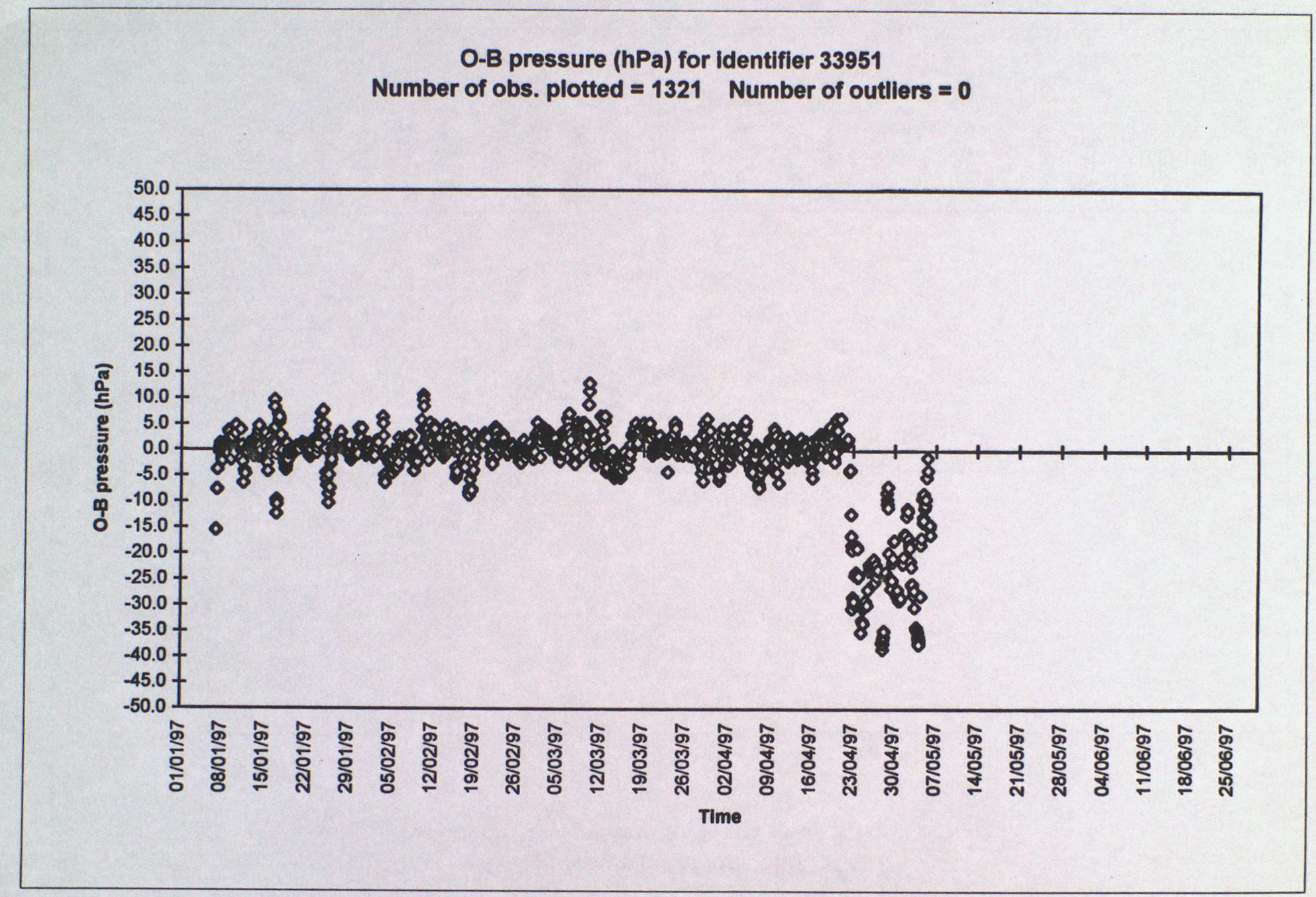

O-B pressure (hPa) for identifier 31024
Number of obs. plotted = 618 Number of outliers = 0
O-B pressure (hPa)
120.0
110.0
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
-100.0
-110.0
-120.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

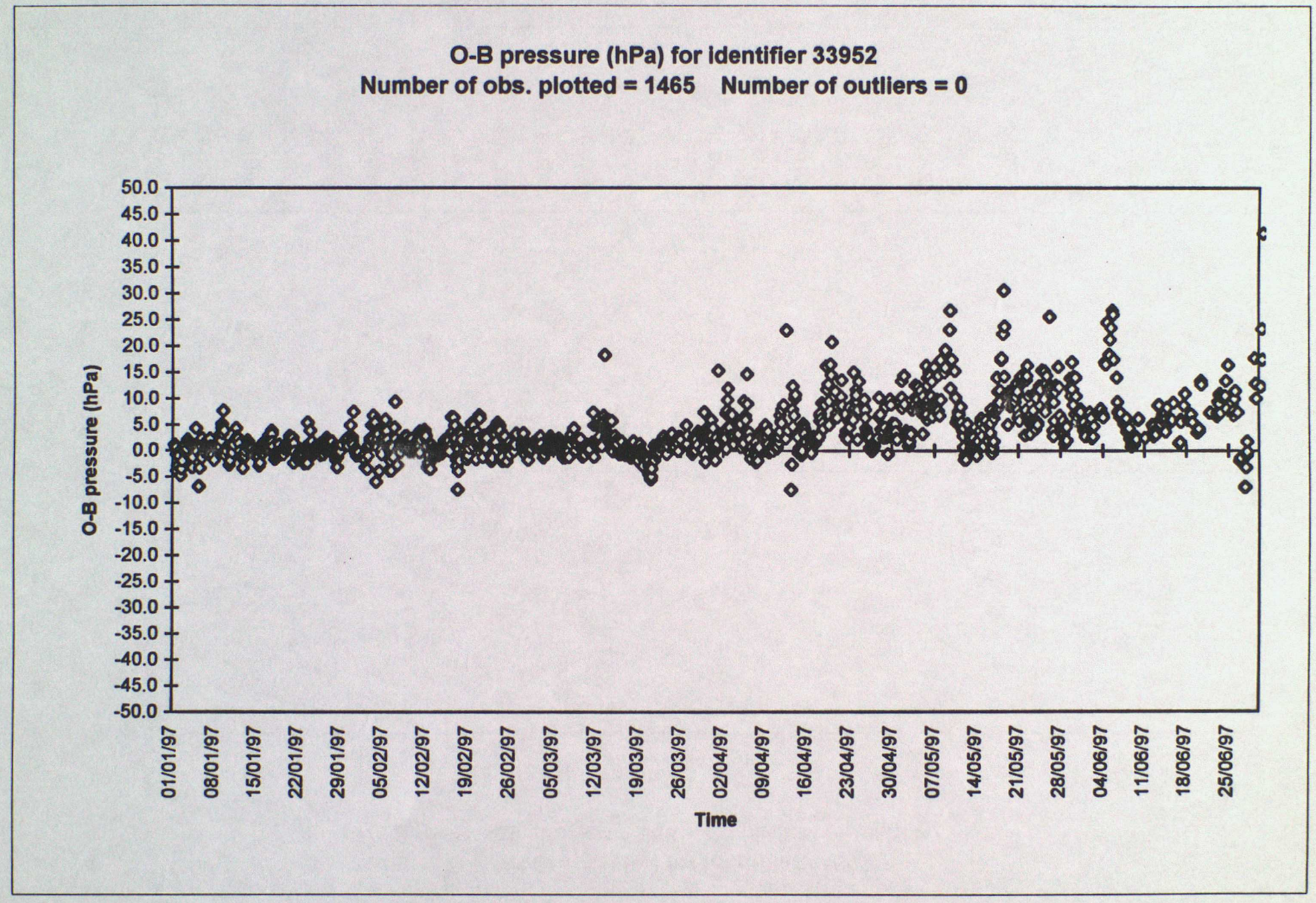

O-B pressure (hPa) for Identifier 32908
Number of obs. plotted = 1047 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time


O-B pressure (hPa) for identifier 33567
Number of obs. plotted = 1004 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-B pressure (hPa) for Identifier 33573
Number of obs. plotted = 373 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-B pressure (hPa) for identifier 33575
Number of obs. plotted = 654 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

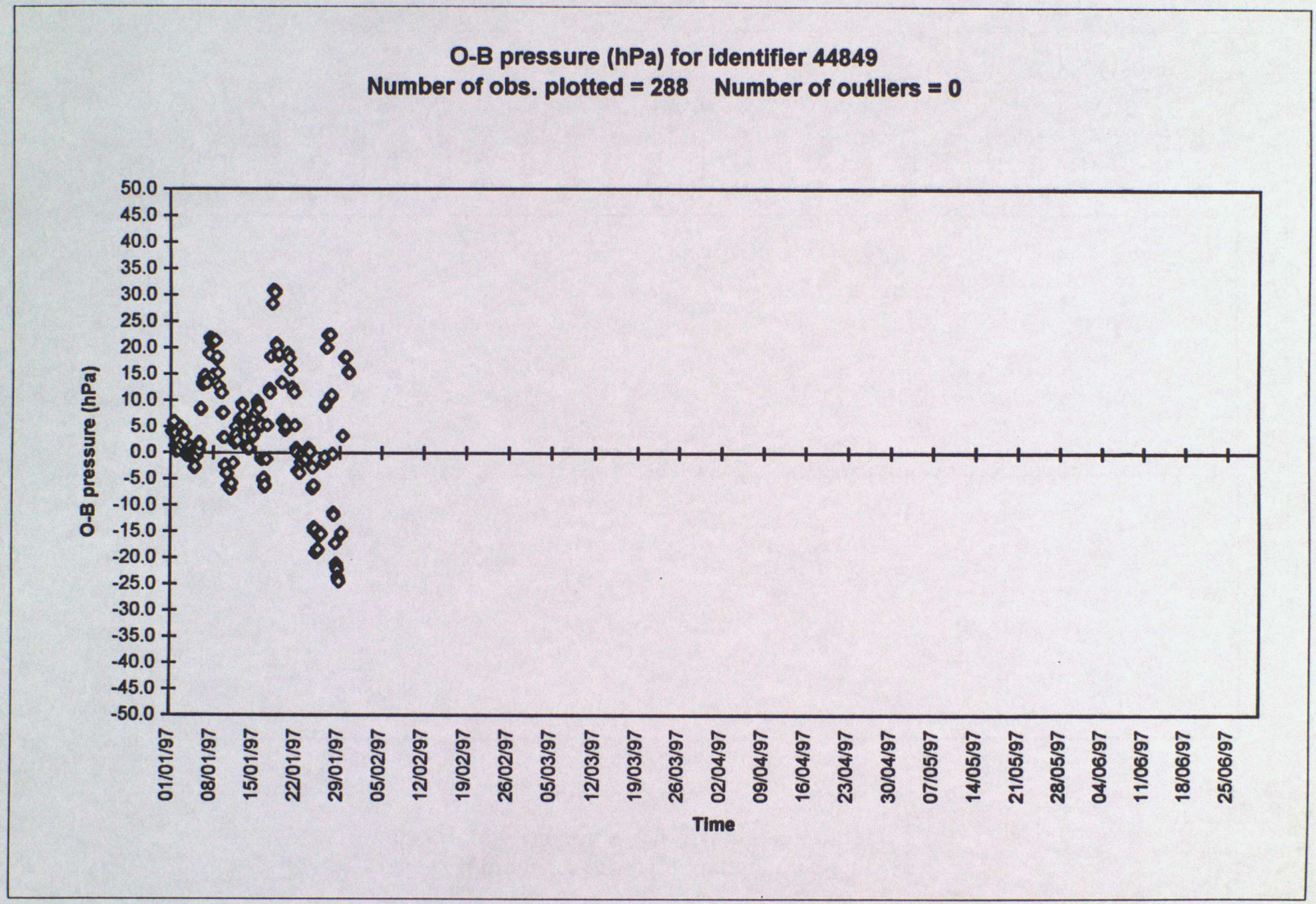

O-B pressure (hPa) for identifier 33951
Number of obs. plotted = 1321 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

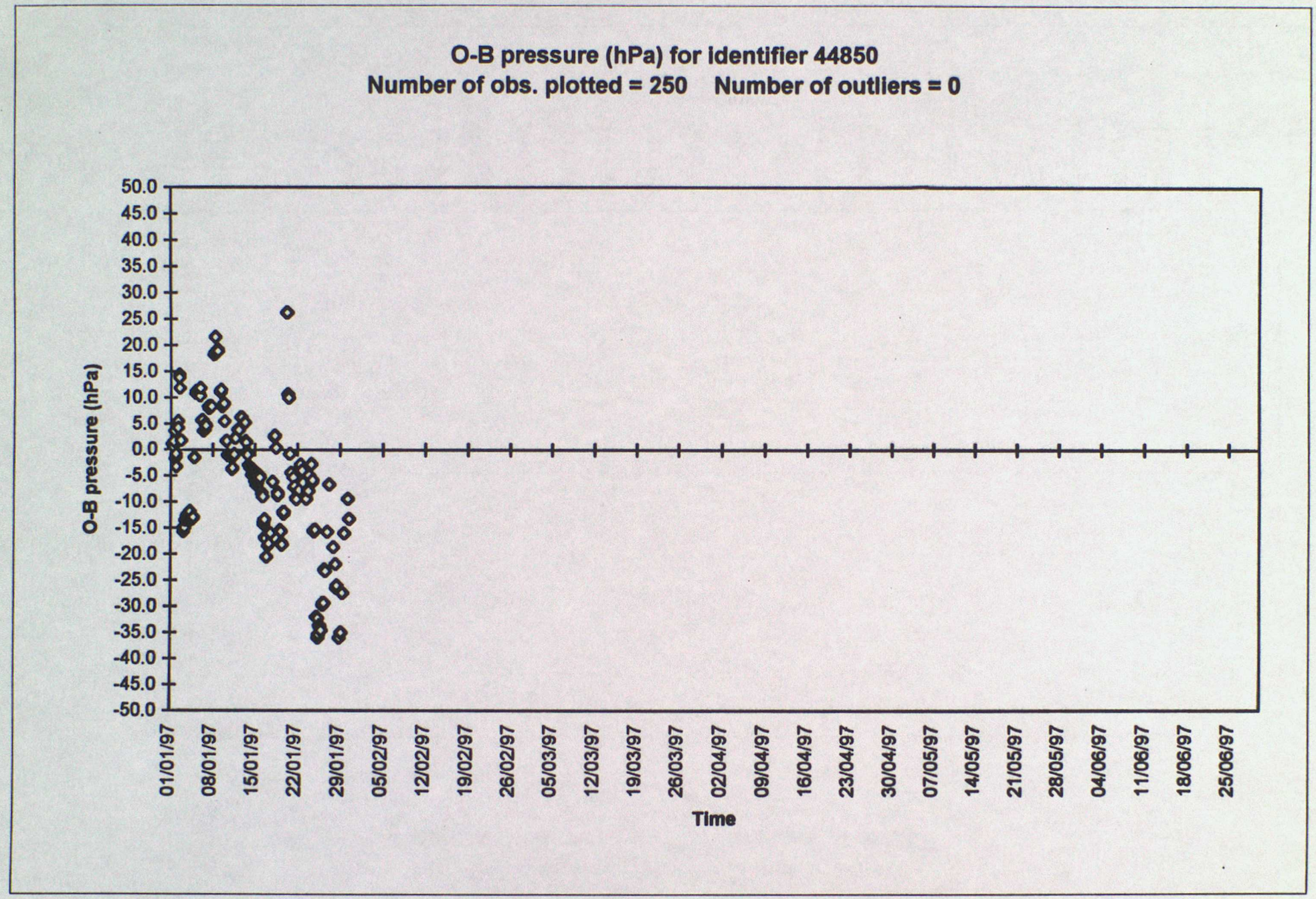

O-B pressure (hPa) for identifier 33952
Number of obs. plotted = 1465 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-B pressure (hPa) for identifier 44601
Number of obs. plotted = 966 Number of outliers = 13
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for identifier 44603
Number of obs. plotted = 520 Number of outliers = 0
O-B pressure (hPa)
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
-100.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

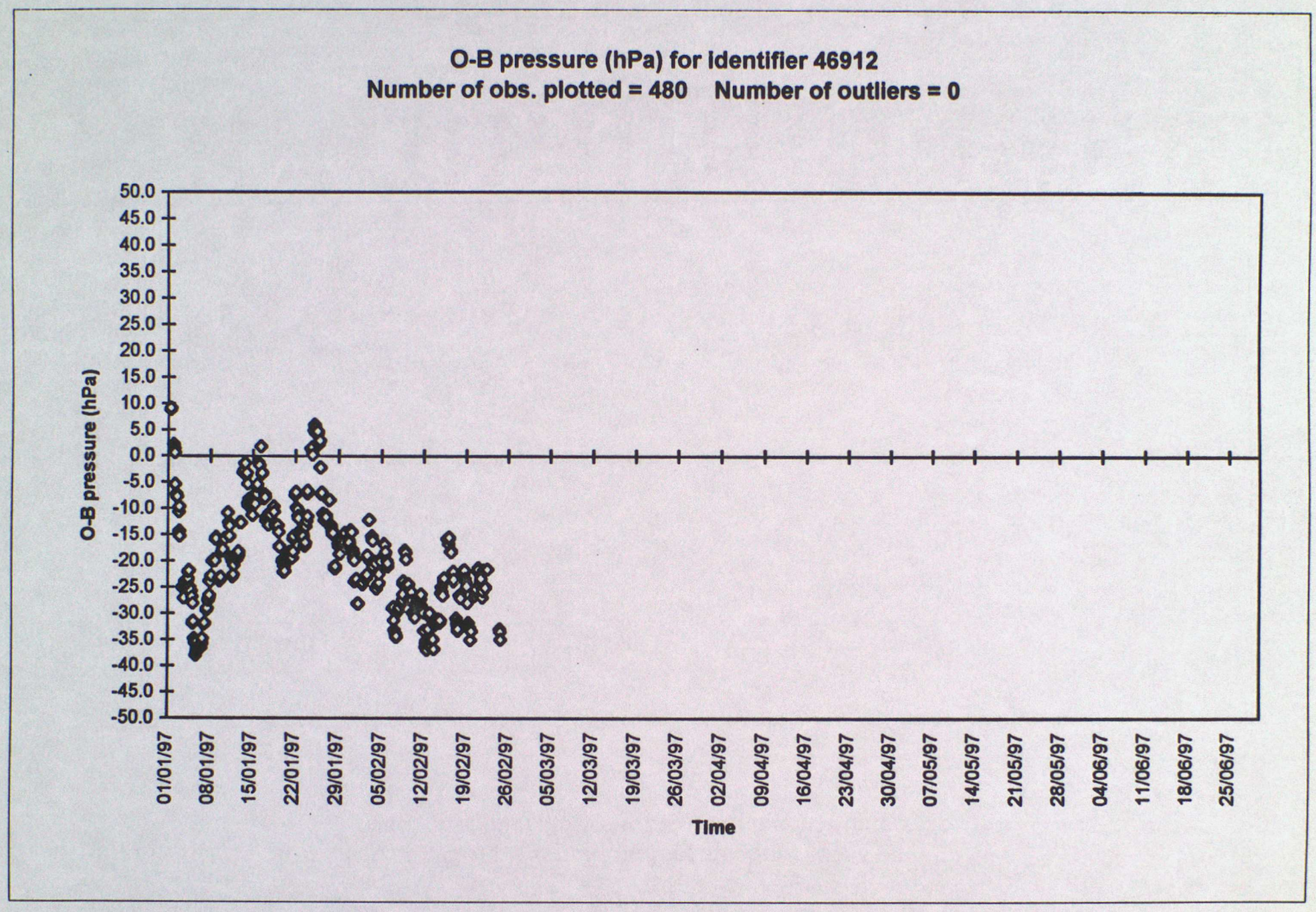
O-B pressure (hPa) for Identifier 44763
Number of obs. plotted = 3812 Number of outliers = 7
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

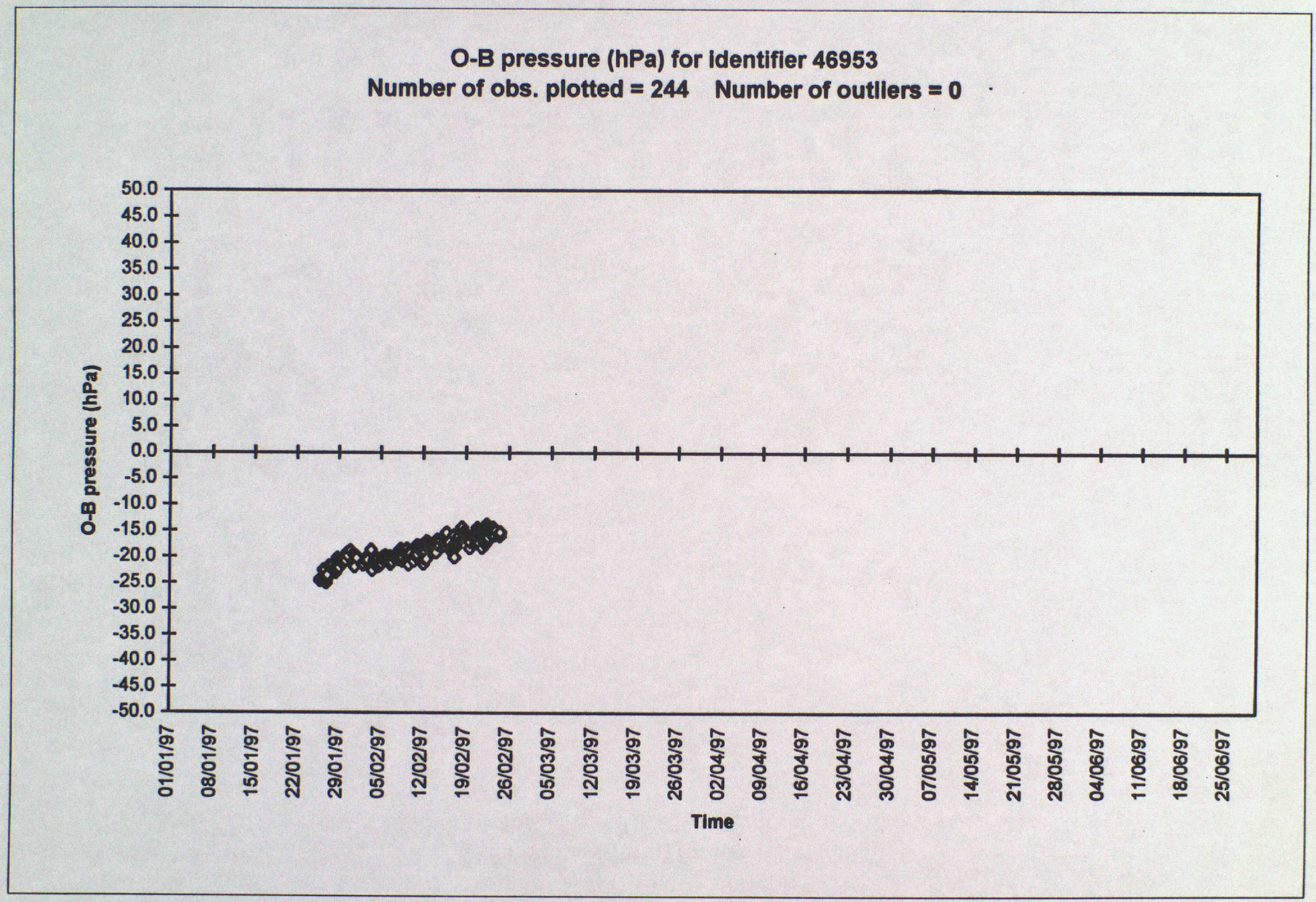

O-B pressure (hPa) for identifier 44849
Number of obs. plotted = 288 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time


O-B pressure (hPa) for identifier 44850
Number of obs. plotted = 250 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

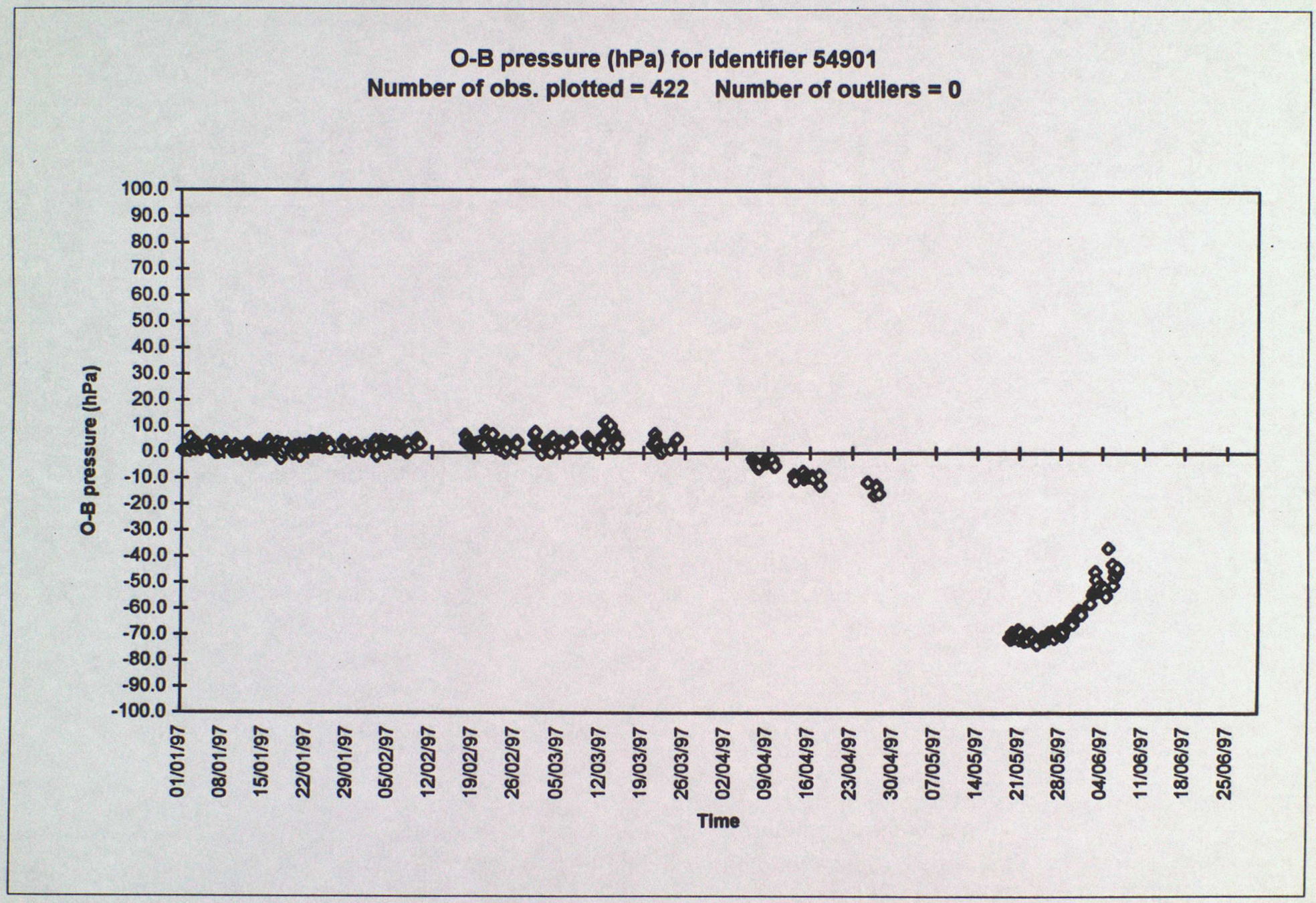
O-B pressure (hPa) for identifier 46519
Number of obs. plotted = 648 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for identifier 46764
Number of obs. plotted = 229 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

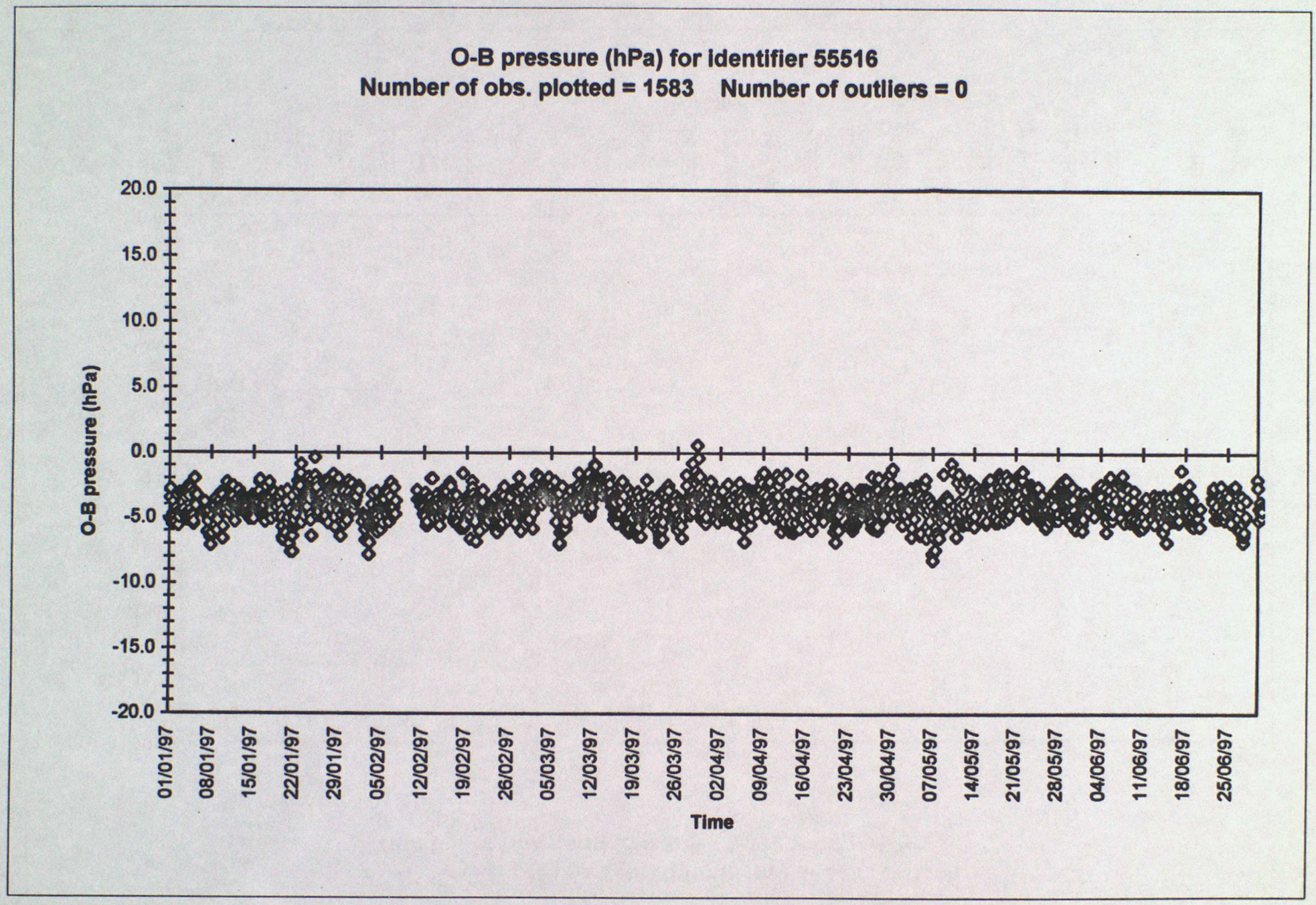

O-B pressure (hPa) for identifier 46912
Number of obs. plotted = 480 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time


O-B pressure (hPa) for identifier 46953
Number of obs. plotted = 244 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

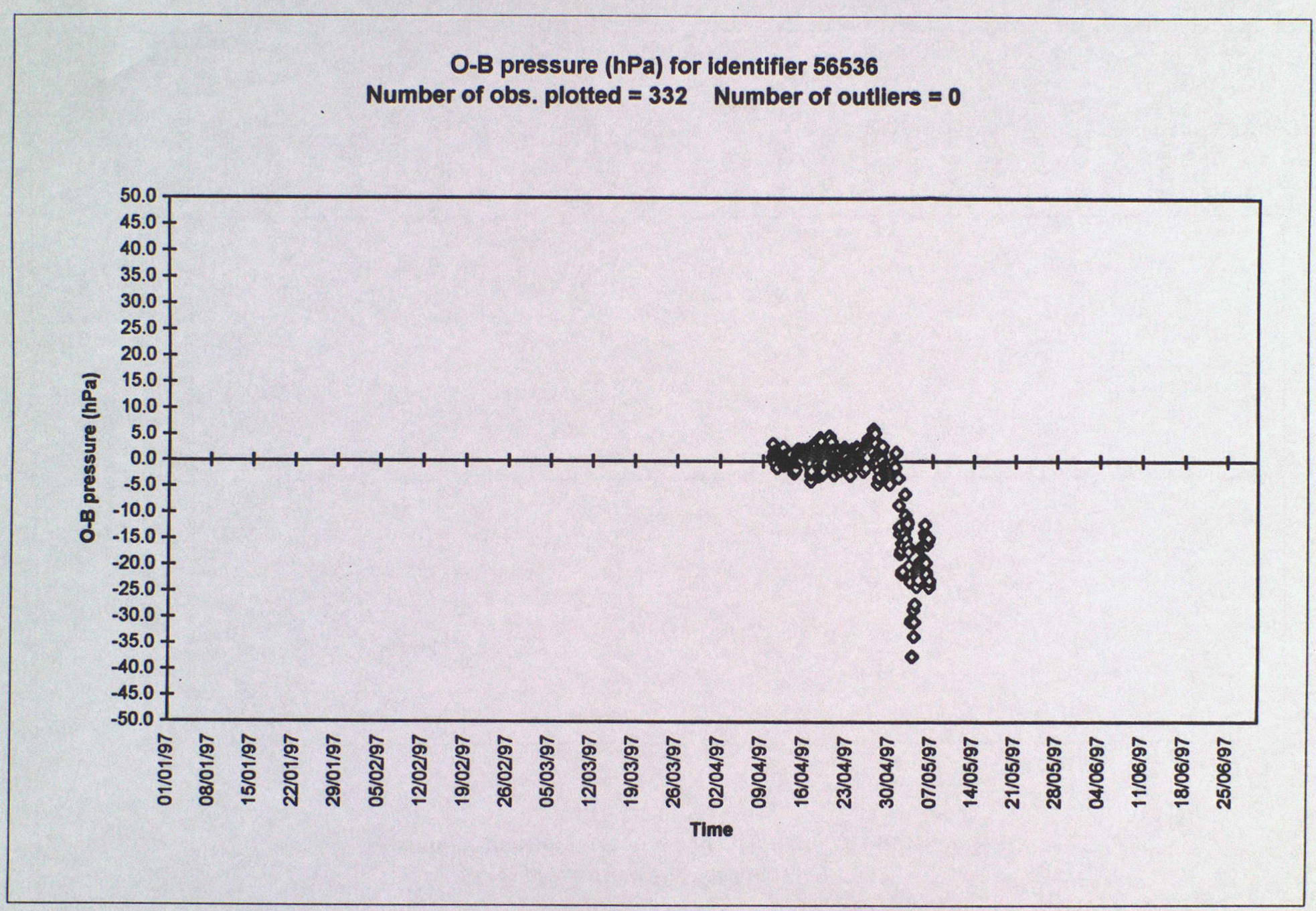
O-B pressure (hPa) for Identifier 46956
Number of obs. plotted = 949 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-B pressure (hPa) for identifier 54901
Number of obs. plotted = 422 Number of outliers = 0
O-B pressure (hPa)
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
-100.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

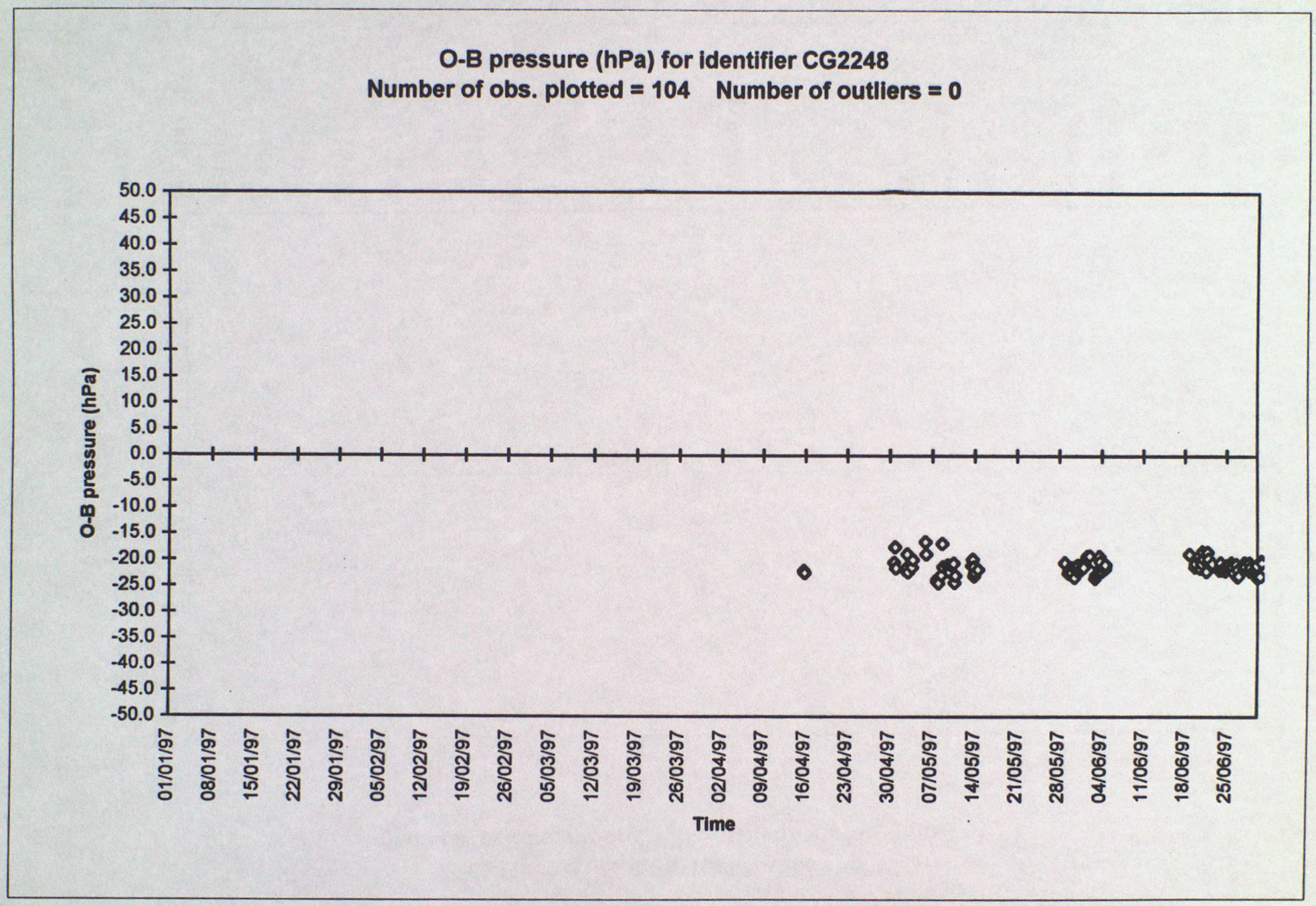
O-B pressure (hPa) for identifier 54922
Number of obs. plotted = 309 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-B pressure (hPa) for identifier 55516
Number of obs. plotted = 1583 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-B pressure (hPa) for Identifier 55905
Number of obs. plotted = 108 Number of outliers = 2
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-B pressure (hPa) for identifier 56536
Number of obs. plotted = 332 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

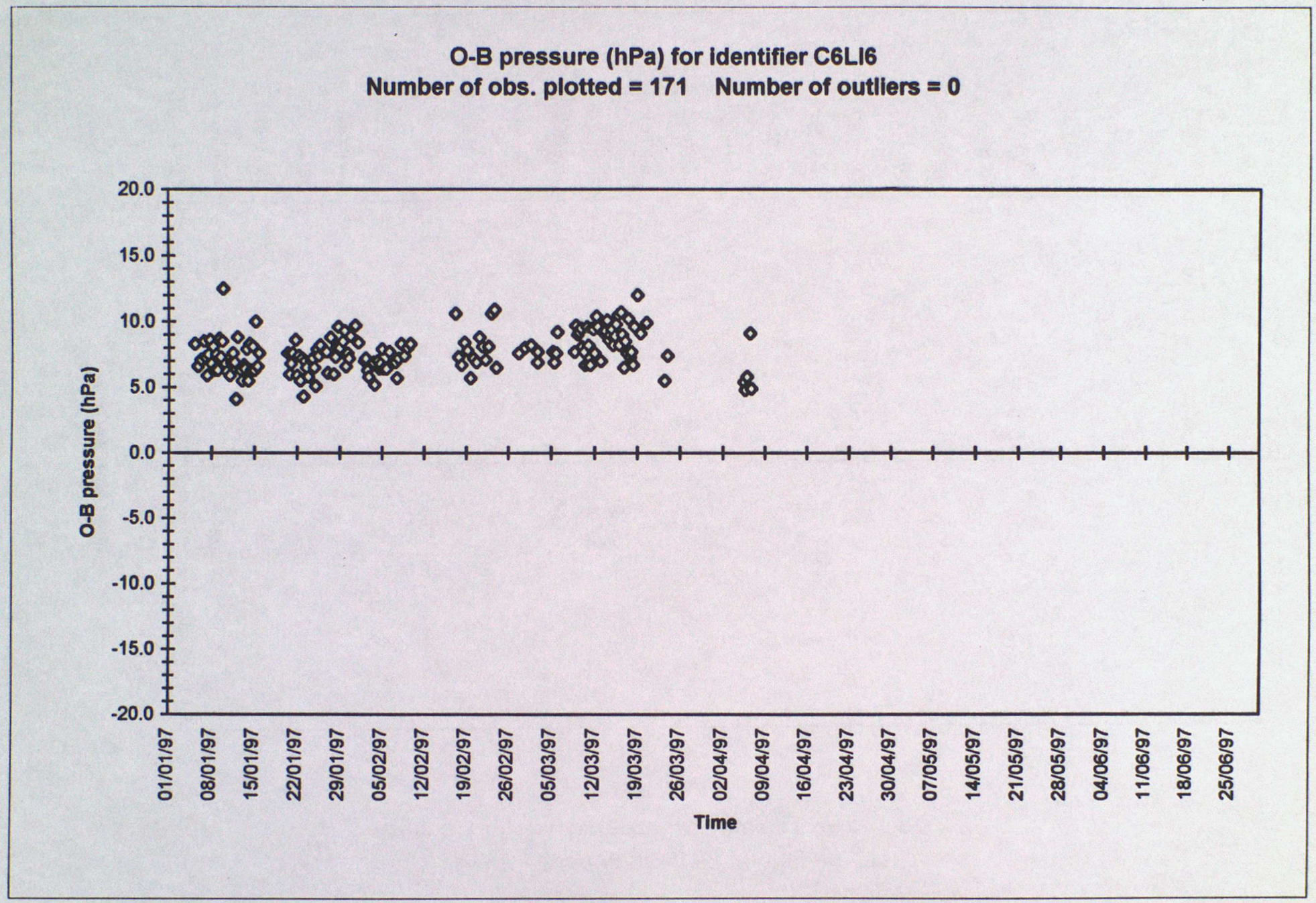
O-B pressure (hPa) for identifier 64517
Number of obs. plotted = 495 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-B pressure (hPa) for identifier CG2248
Number of obs. plotted = 104 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-B pressure (hPa) for identifier C6FA6
Number of obs. plotted = 242 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

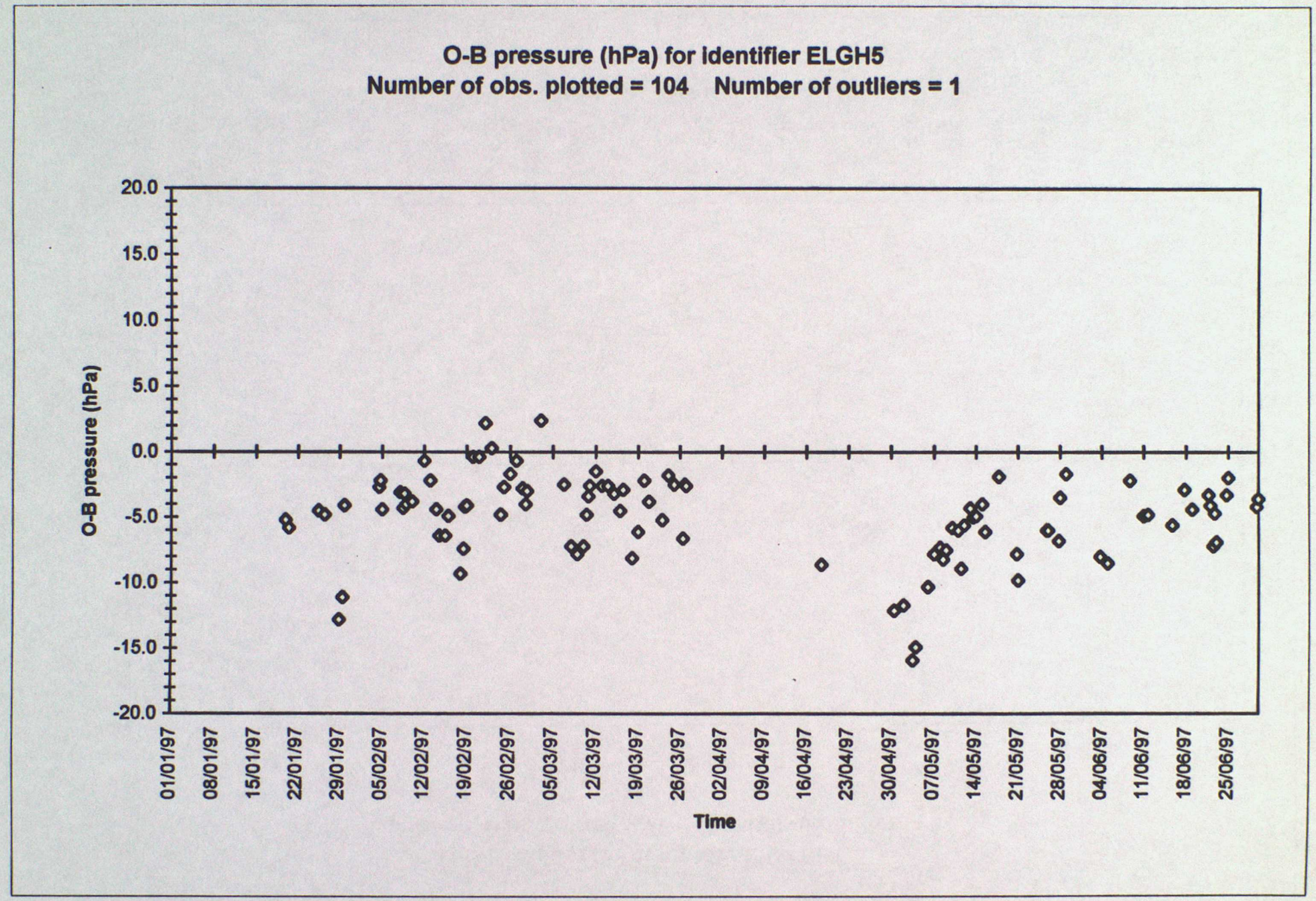
O-B pressure (hPa) for identifier C6HD5
Number of obs. plotted = 124 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for identifier C6JT
Number of obs. plotted = 76 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

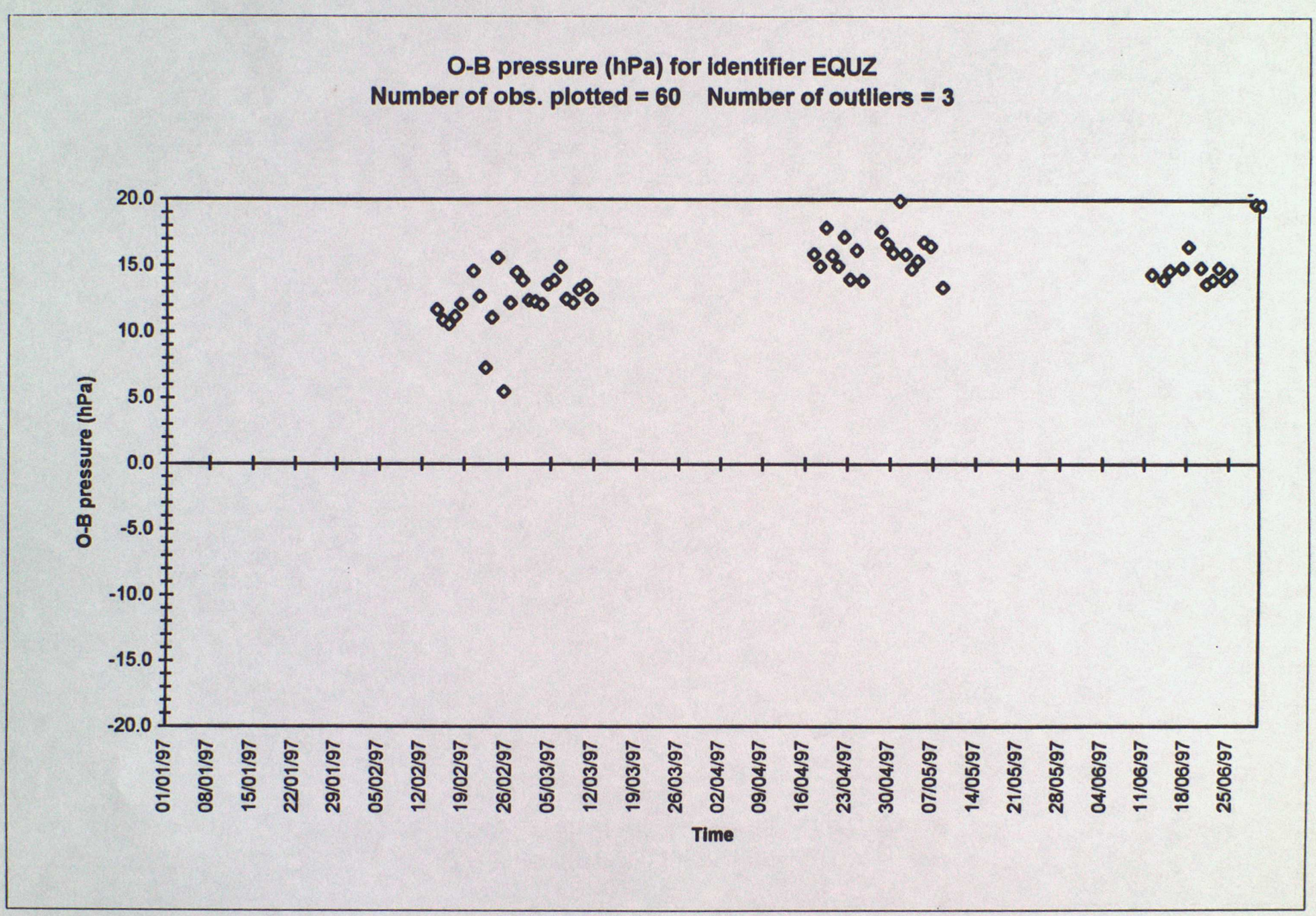

O-B pressure (hPa) for identifier C6LI6
Number of obs. plotted = 171 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-B pressure (hPa) for identifier DLDQ
Number of obs. plotted = 185 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for identifier DOWVD2D
Number of obs. plotted = 182 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-B pressure (hPa) for identifier ELGH5
Number of obs. plotted = 104 Number of outliers = 1
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-B pressure (hPa) for identifier ELIG5
Number of obs. plotted = 76 Number of outliers = 2
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-B pressure (hPa) for identifier EQUZ
Number of obs. plotted = 60 Number of outliers = 3
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-B pressure (hPa) for identifier EUJV
Number of obs. plotted = 146 Number of outliers = 3
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for identifier J8EL6
Number of obs. plotted = 77 Number of outliers = 1
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for identifier KNDM
Number of obs. plotted = 52 Number of outliers = 1
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for identifier KSLB
Number of obs. plotted = 47 Number of outliers = 1
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for Identifier LAQN4
Number of obs. plotted = 53 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for identifier LAVV4
Number of obs. plotted = 107 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

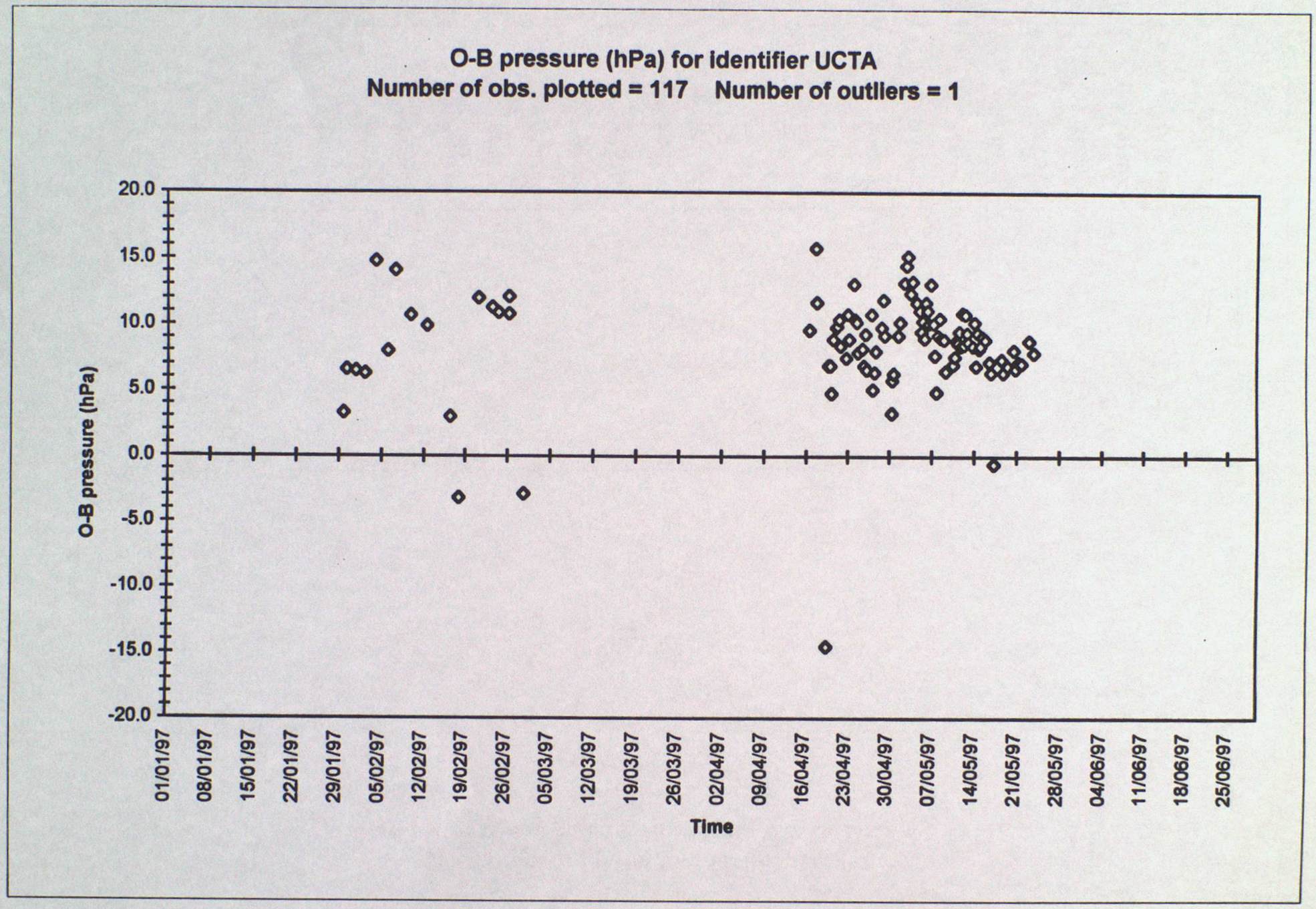
O-B pressure (hPa) for identifier LAXS2
Number of obs. plotted = 243 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

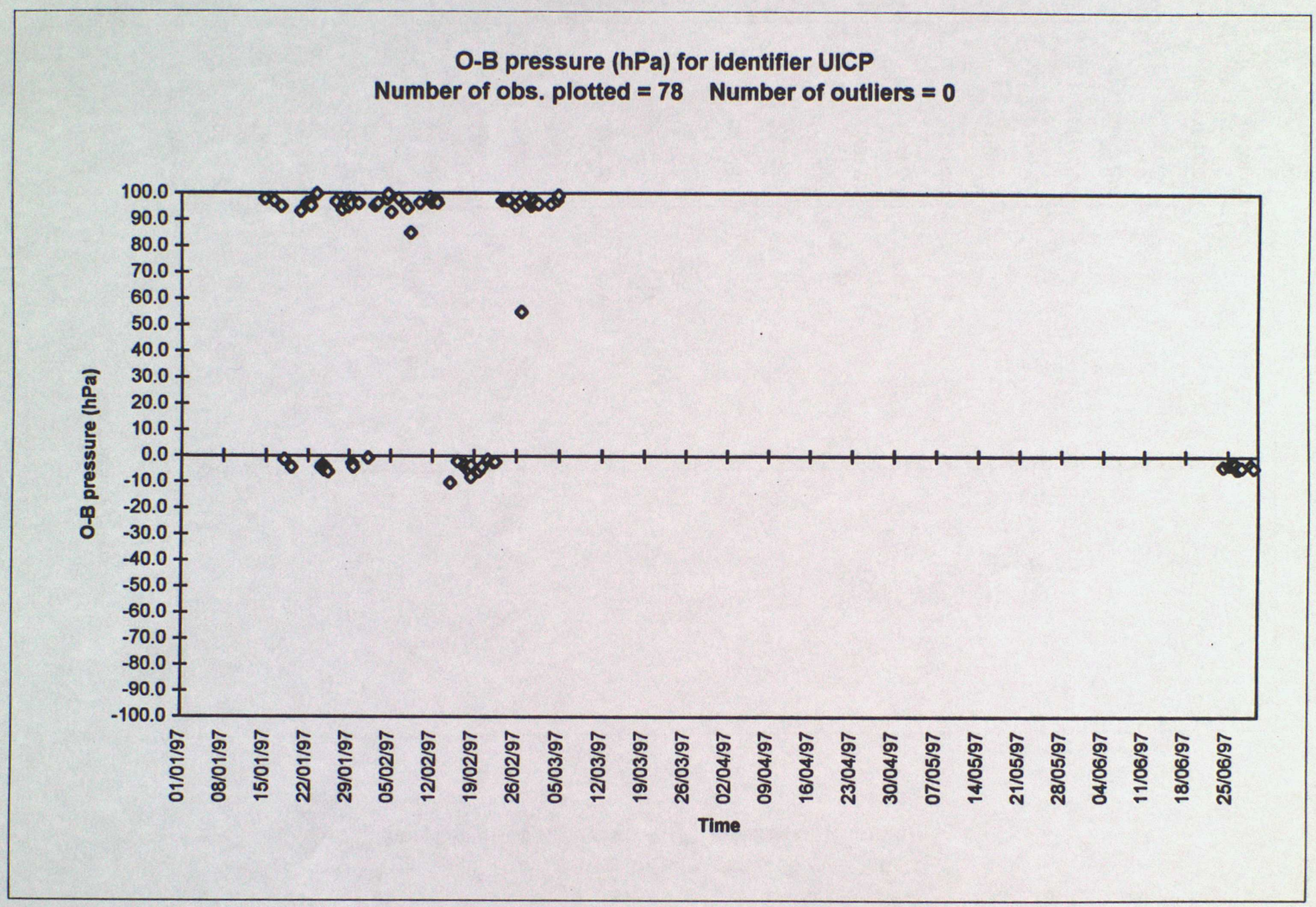
O-B pressure (hPa) for identifier OZVW6
Number of obs. plotted = 43 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for identifier S6CL
Number of obs. plotted = 85 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for identifier UCJJ
Number of obs. plotted = 97 Number of outliers = 2
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

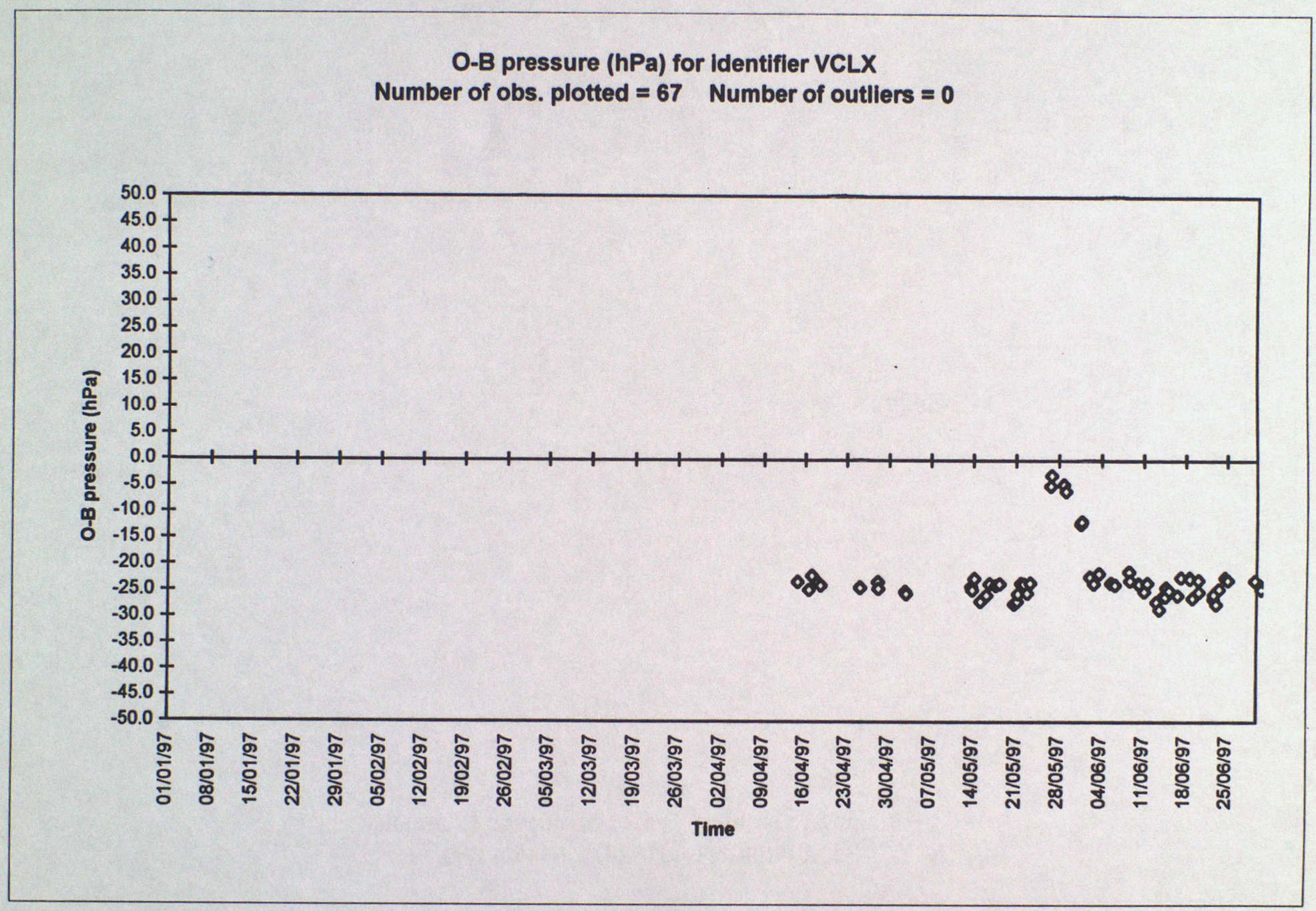
O-B pressure (hPa) for identifier UCJL
Number of obs. plotted = 56 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

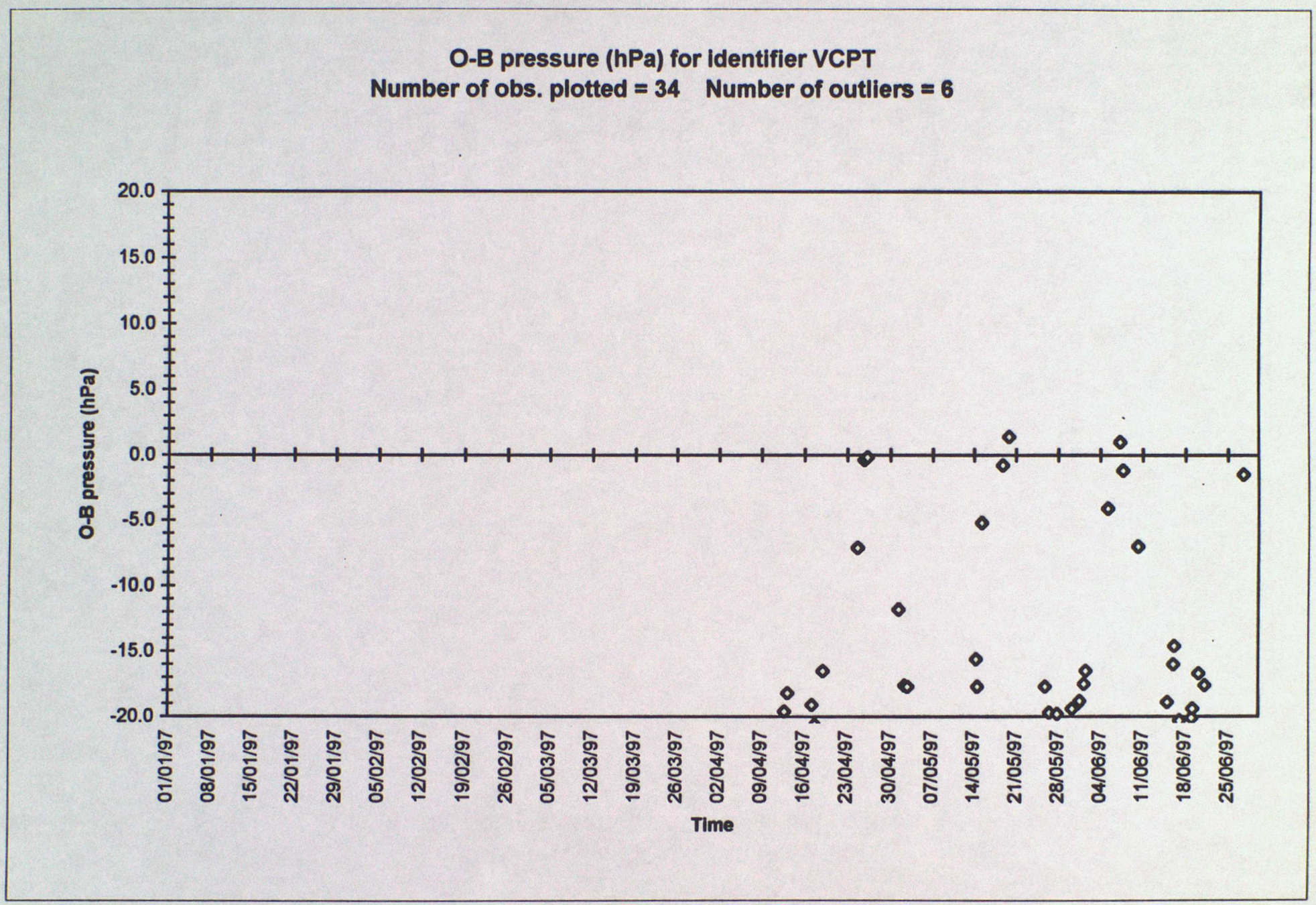

O-B pressure (hPa) for identifier UCTA
Number of obs. plotted = 117 Number of outliers = 1
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time


O-B pressure (hPa) for identifier UICP
Number of obs. plotted = 78 Number of outliers = 0
O-B pressure (hPa)
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
-100.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

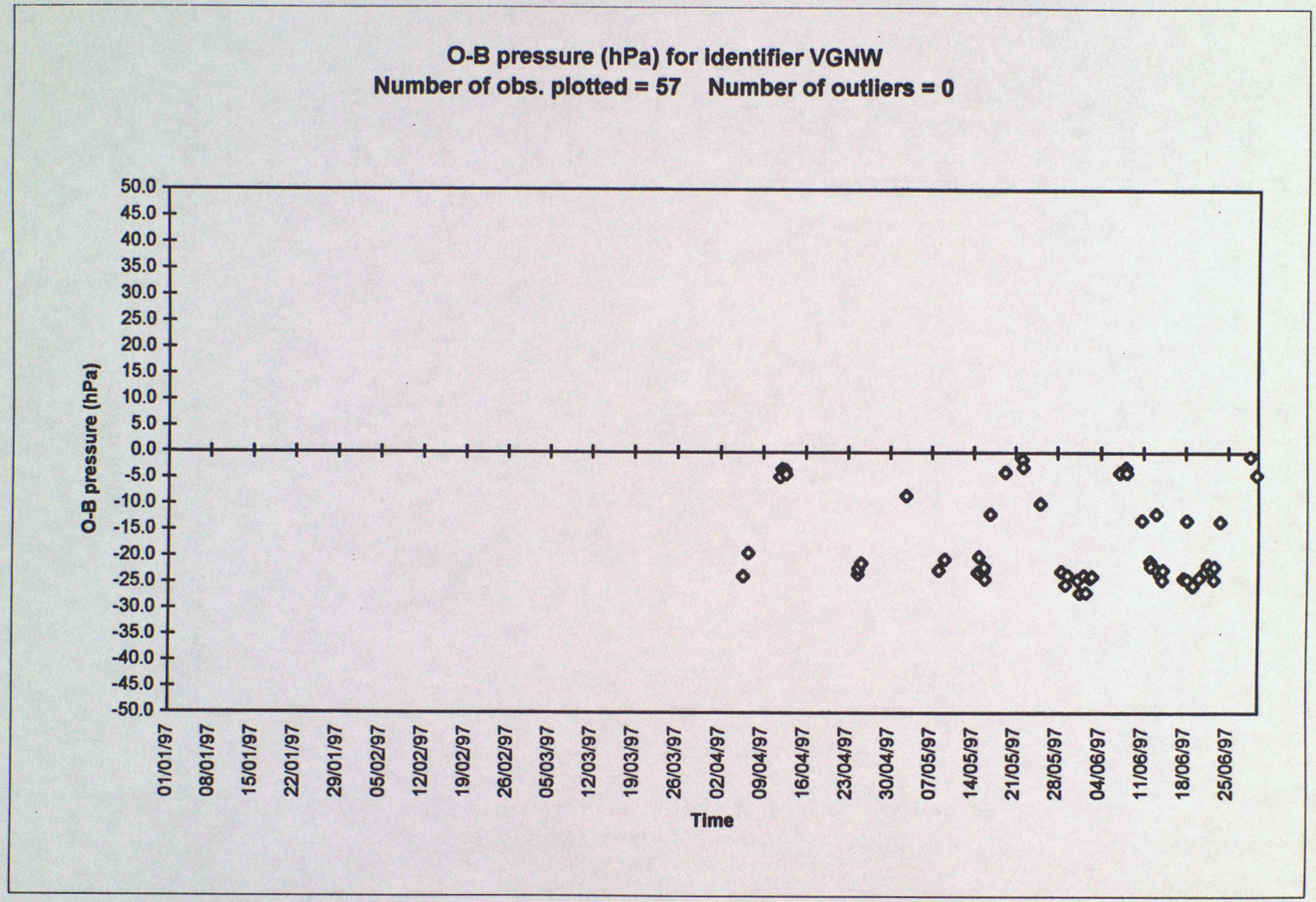
O-B pressure (hPa) for identifier UITJ
Number of obs. plotted = 66 Number of outliers = 1
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

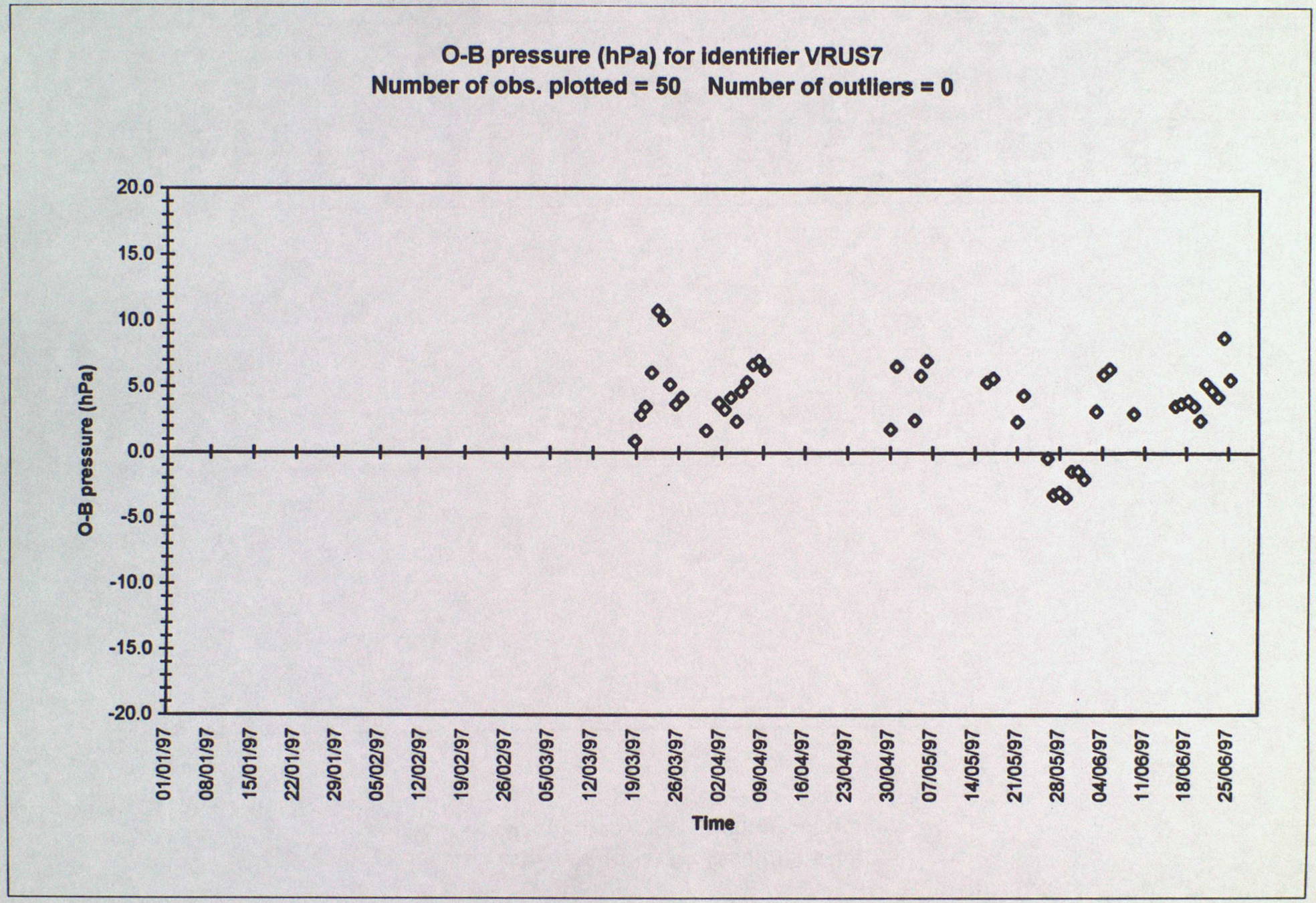
O-B pressure (hPa) for identifier UQDB
Number of obs. plotted = 44 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-B pressure (hPa) for identifier VCLX
Number of obs. plotted = 67 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time


O-B pressure (hPa) for identifier VCPT
Number of obs. plotted = 34 Number of outliers = 6
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-B pressure (hPa) for identifier VCQL
Number of obs. plotted = 59 Number of outliers = 4
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-B pressure (hPa) for identifier VGNW
Number of obs. plotted = 57 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

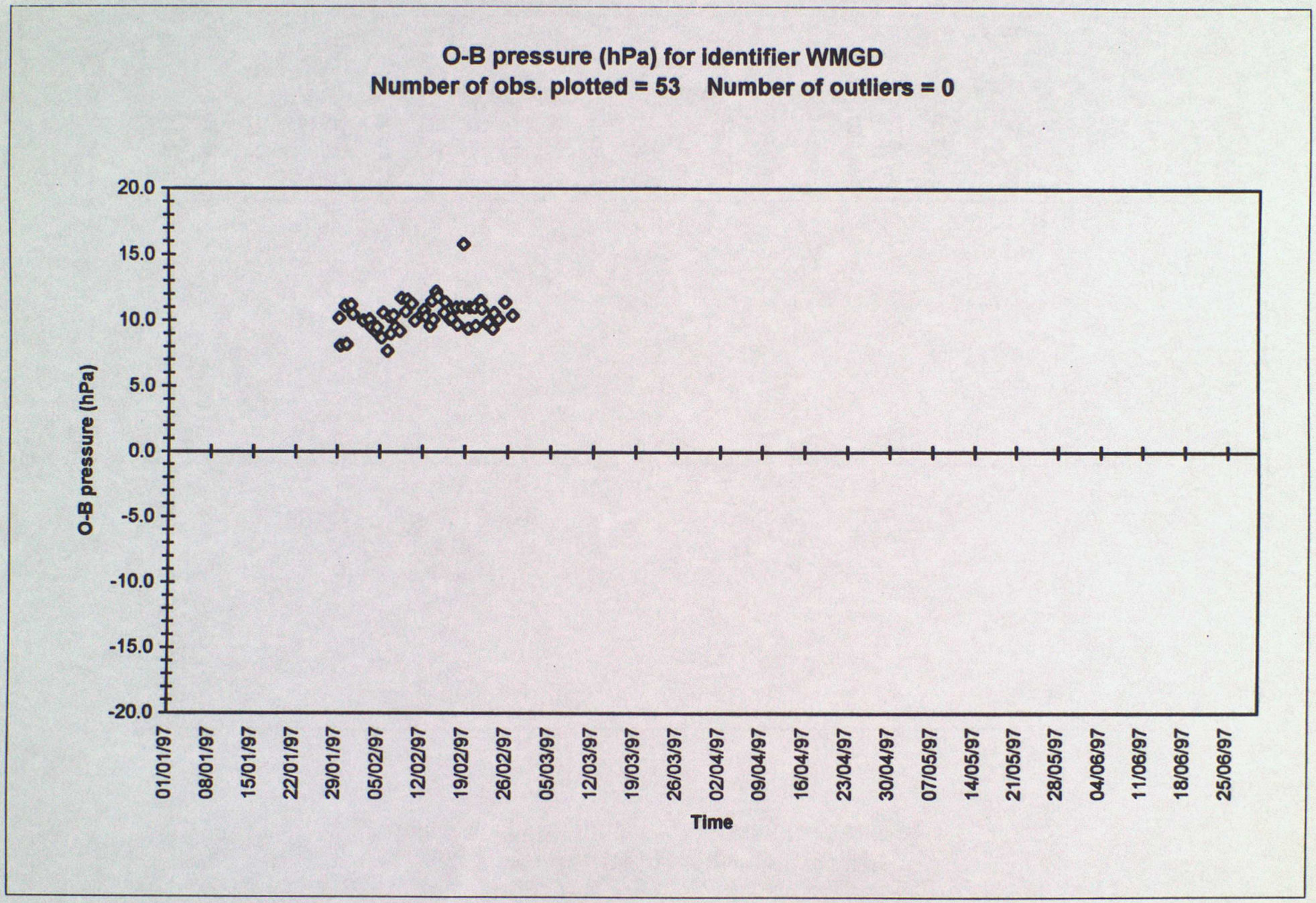

O-B pressure (hPa) for identifier VRUS7
Number of obs. plotted = 50 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

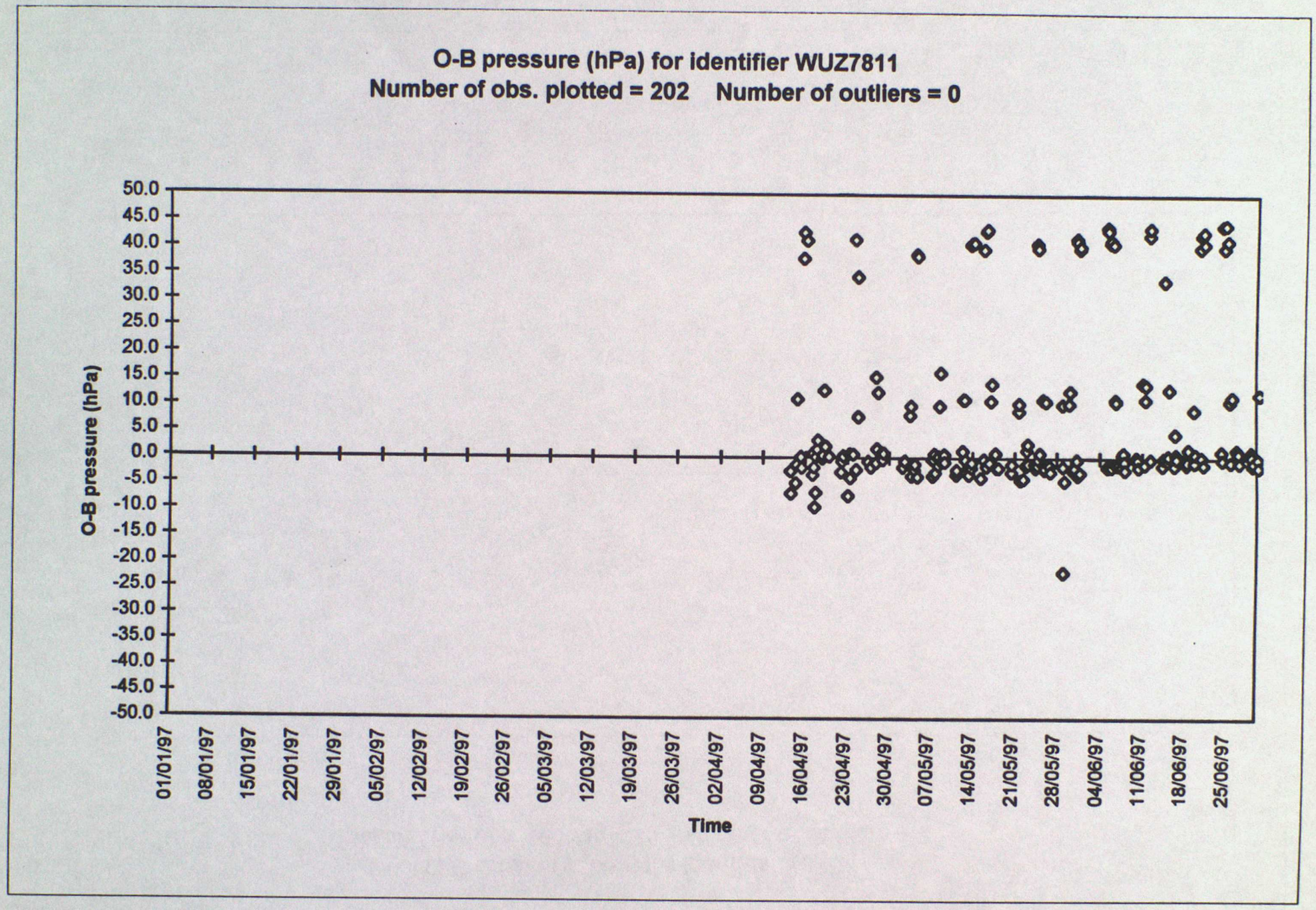
O-B pressure (hPa) for identifier VVJS
Number of obs. plotted = 73 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for identifier V2SA
Number of obs. plotted = 48 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for identifier V2SM
Number of obs. plotted = 120 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for identifier V7AW8
Number of obs. plotted = 108 Number of outliers = 1
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

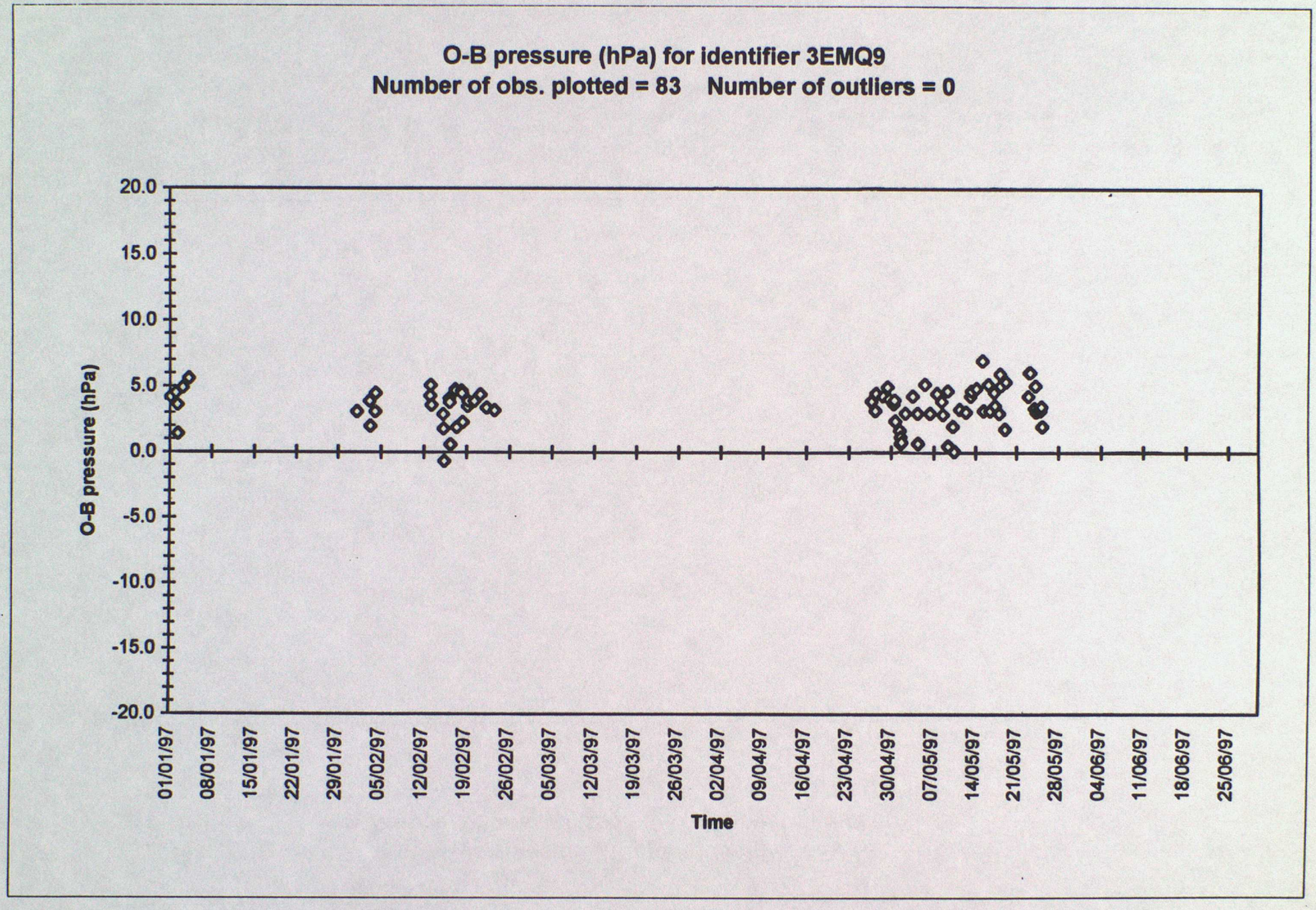

O-B pressure (hPa) for identifier WMGD
Number of obs. plotted = 53 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time


O-B pressure (hPa) for identifier WUZ7811
Number of obs. plotted = 202 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

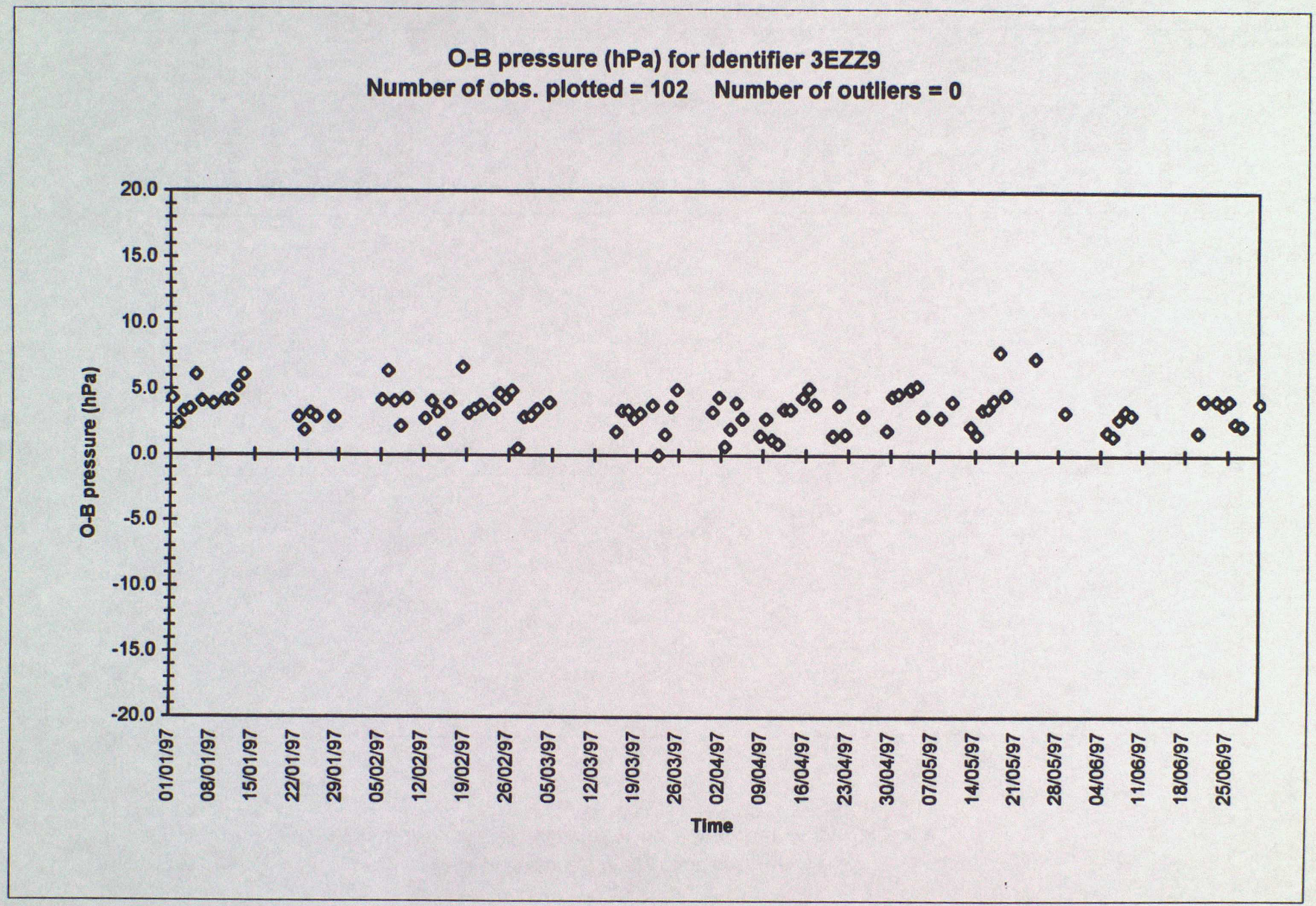
O-B pressure (hPa) for identifier YJYS6
Number of obs. plotted = 61 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for identifier YLBF
Number of obs. plotted = 104 Number of outliers = 1
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for identifier 3EIY6
Number of obs. plotted = 122 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-B pressure (hPa) for identifier 3EMQ9
Number of obs. plotted = 83 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-B pressure (hPa) for identifier 3EUY3
Number of obs. plotted = 64 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-B pressure (hPa) for identifier 3EZZ9
Number of obs. plotted = 102 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

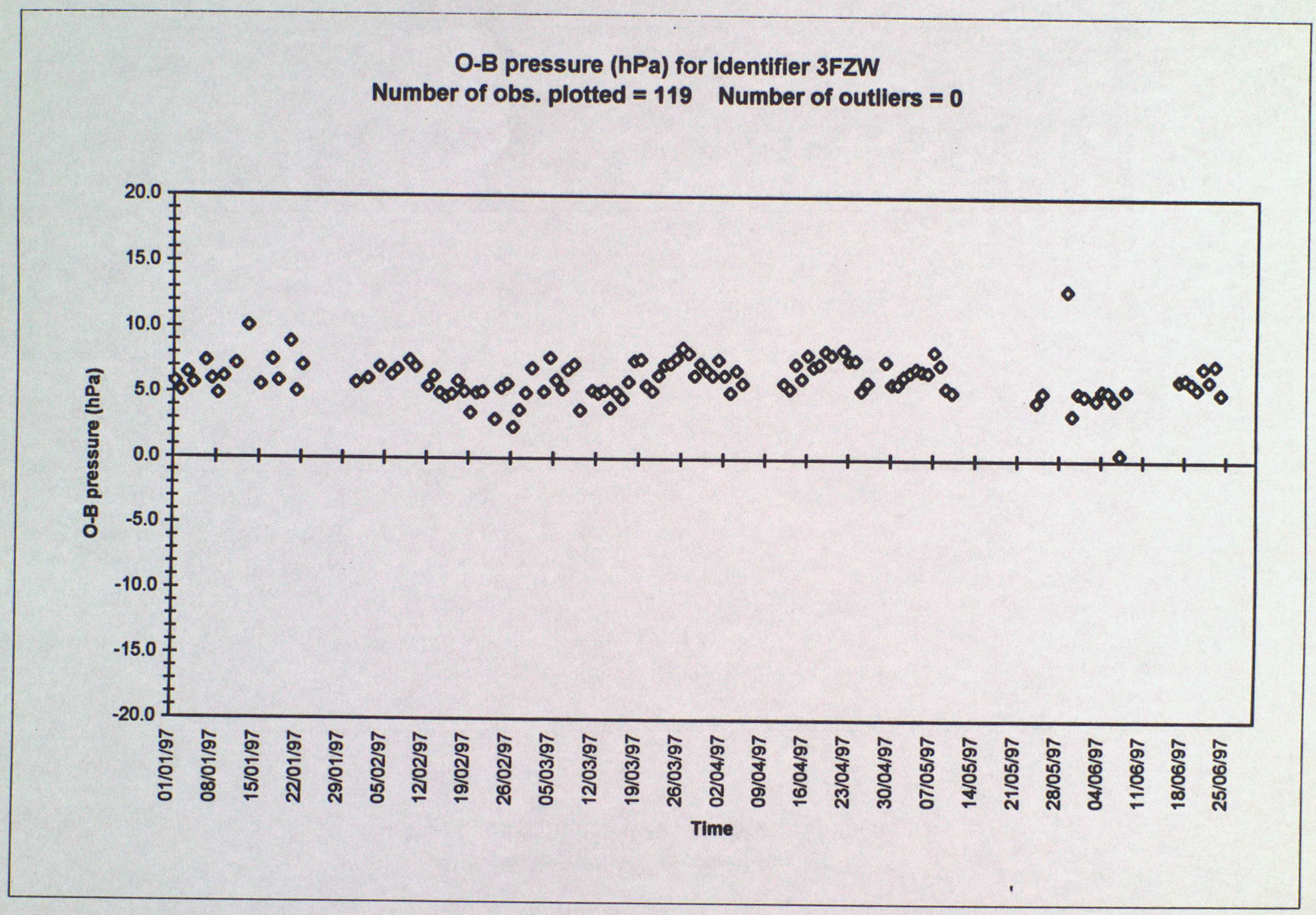
O-B pressure (hPa) for identifier 3FAQ3
Number of obs. plotted = 86 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for Identifier 3FCU3
Number of obs. plotted = 55 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

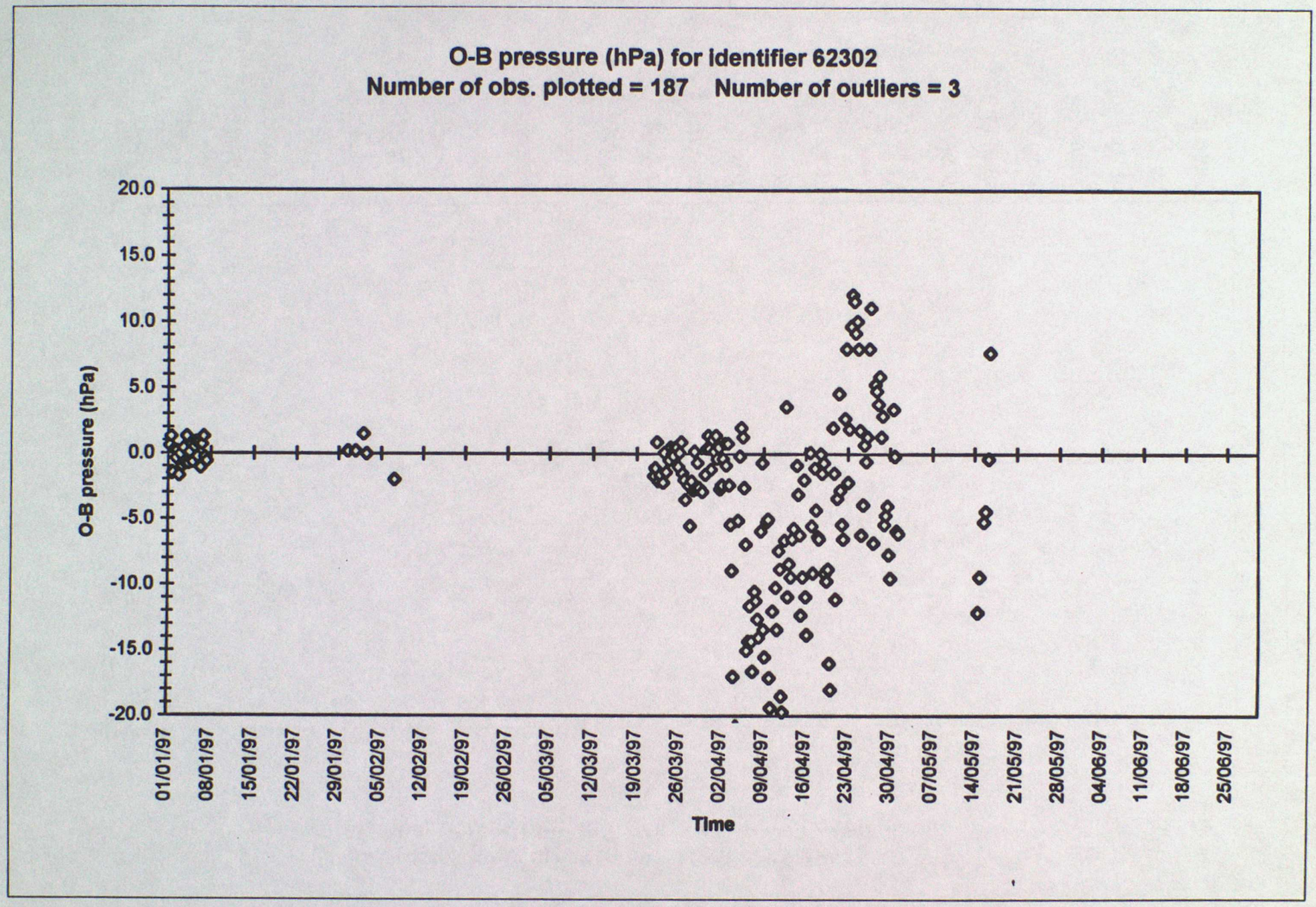
O-B pressure (hPa) for Identifier 3FGN3
Number of obs. plotted = 108 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for identifier 3FGQ3
Number of obs. plotted = 87 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for identifier 3FTJ4
Number of obs. plotted = 117 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-B pressure (hPa) for identifier 3FZW
Number of obs. plotted = 119 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-B pressure (hPa) for identifier 4XFN
Number of obs. plotted = 70 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-B pressure (hPa) for identifier 62302
Number of obs. plotted = 187 Number of outliers = 3
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-B pressure (hPa) for Identifier 9MBW7
Number of obs. plotted = 246 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for Identifier 9VHU
Number of obs. plotted = 136 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B pressure (hPa) for identifier 9VIH
Number of obs. plotted = 182 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B wind speed (m s-1) for identifier 41529
Number of obs. plotted = 445 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B wind speed (m s-1) for identifier 52539
Number of obs. plotted = 83 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B wind speed (m s-1) for identifier 52623
Number of obs. plotted = 713 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B wind speed (m s-1) for identifier 62803
Number of obs. plotted = 3936 Number of outliers = 6
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

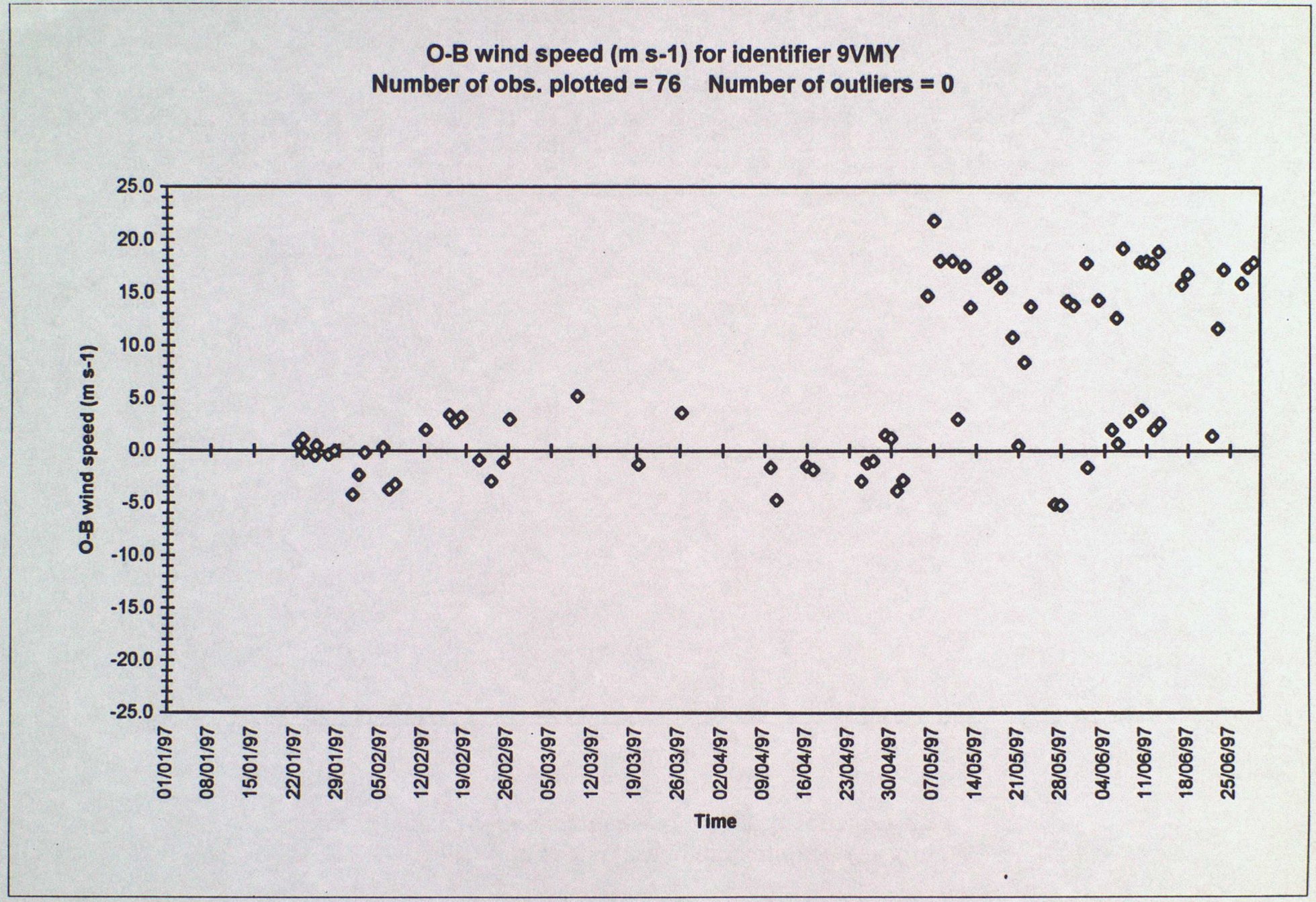
O-B wind speed (m s-1) for identifier FNZQ
Number of obs. plotted = 229 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B wind speed (m s-1) for identifier GHMA
Number of obs. plotted = 114 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B wind speed (m s-1) for identifier PJVY
Number of obs. plotted = 107 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B wind speed (m s-1) for identifier VPGB
Number of obs. plotted = 40 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B wind speed (m s-1) for identifier XYKX
Number of obs. plotted = 97 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-B wind speed (m s-1) for identifier 9VMY
Number of obs. plotted = 76 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-B wind direction (deg.) for identifier 44513
Number of obs. plotted = 1245 Number of outliers = 0
O-B wind direction (deg.)
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B wind direction (deg.) for identifier 52008
Number of obs. plotted = 224 Number of outliers = 0
O-B wind direction (deg.)
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B wind direction (deg.) for identifier 53549
Number of obs. plotted = 50 Number of outliers = 0
O-B wind direction (deg.)
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

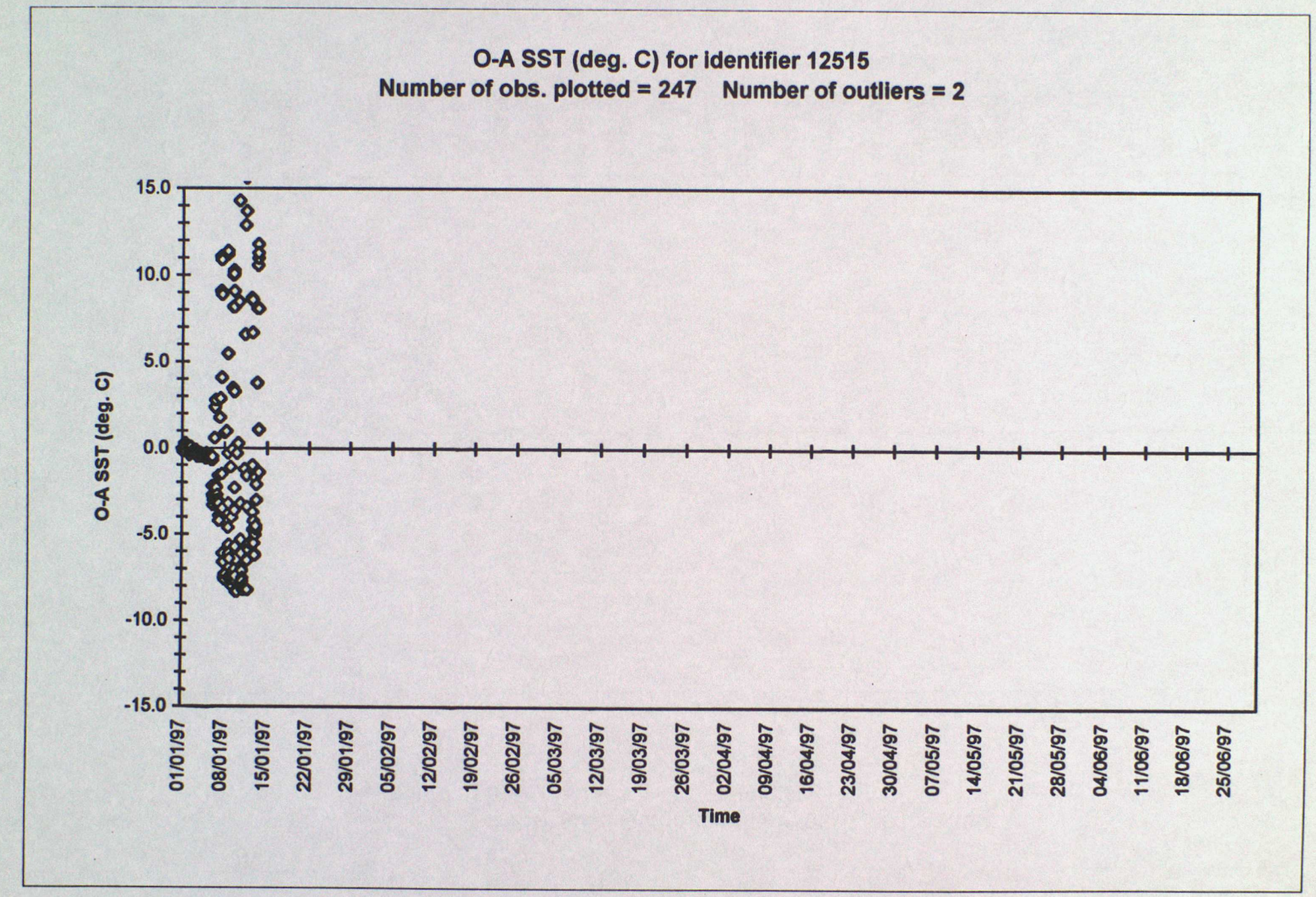
O-B wind direction (deg.) for Identifier DVFS
Number of obs. plotted = 157 Number of outliers = 0
O-B wind direction (deg.)
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B wind direction (deg.) for identifier DVHE
Number of obs. plotted = 67 Number of outliers = 0
O-B wind direction (deg.)
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-B wind direction (deg.) for identifier UVGF
Number of obs. plotted = 122 Number of outliers = 0
O-B wind direction (deg.)
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

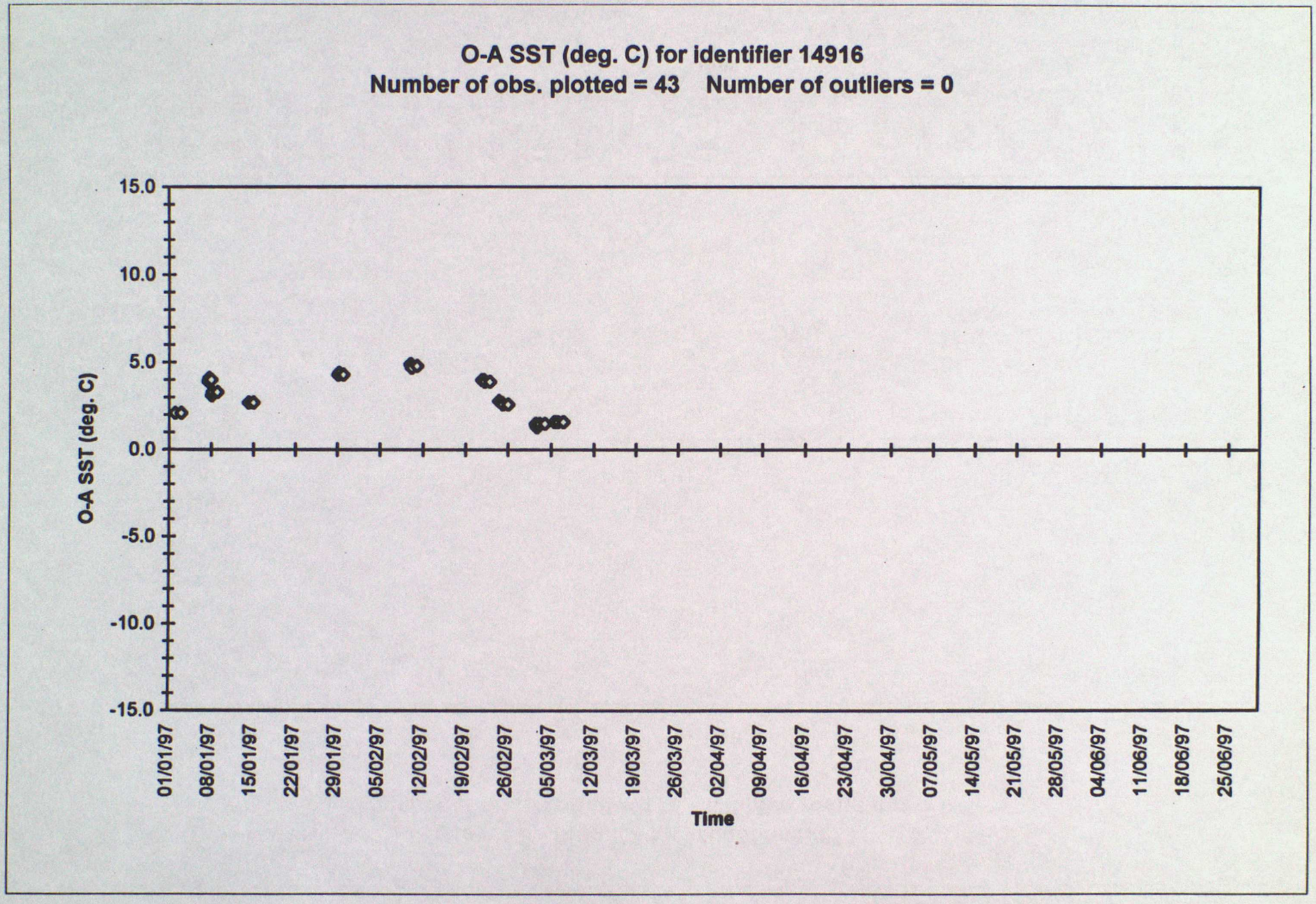
O-B wind direction (deg.) for identifier 3EMW5
Number of obs. plotted = 107 Number of outliers = 0
O-B wind direction (deg.)
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-A SST (deg. C) for identifier 12512
Number of obs. plotted = 261 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-A SST (deg. C) for identifier 12515
Number of obs. plotted = 247 Number of outliers = 2
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

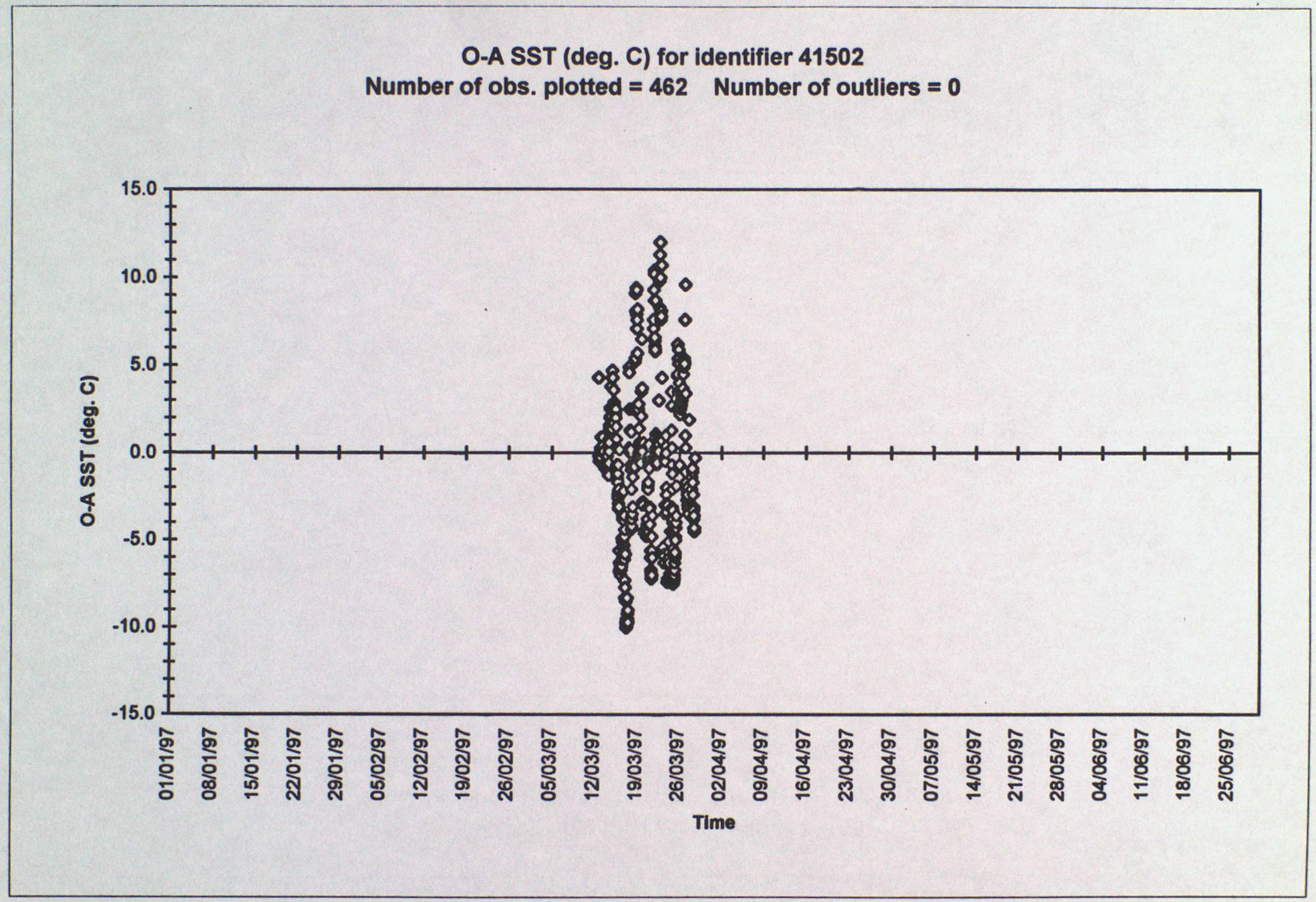
O-A SST (deg. C) for identifier 12516
Number of obs. plotted = 701 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

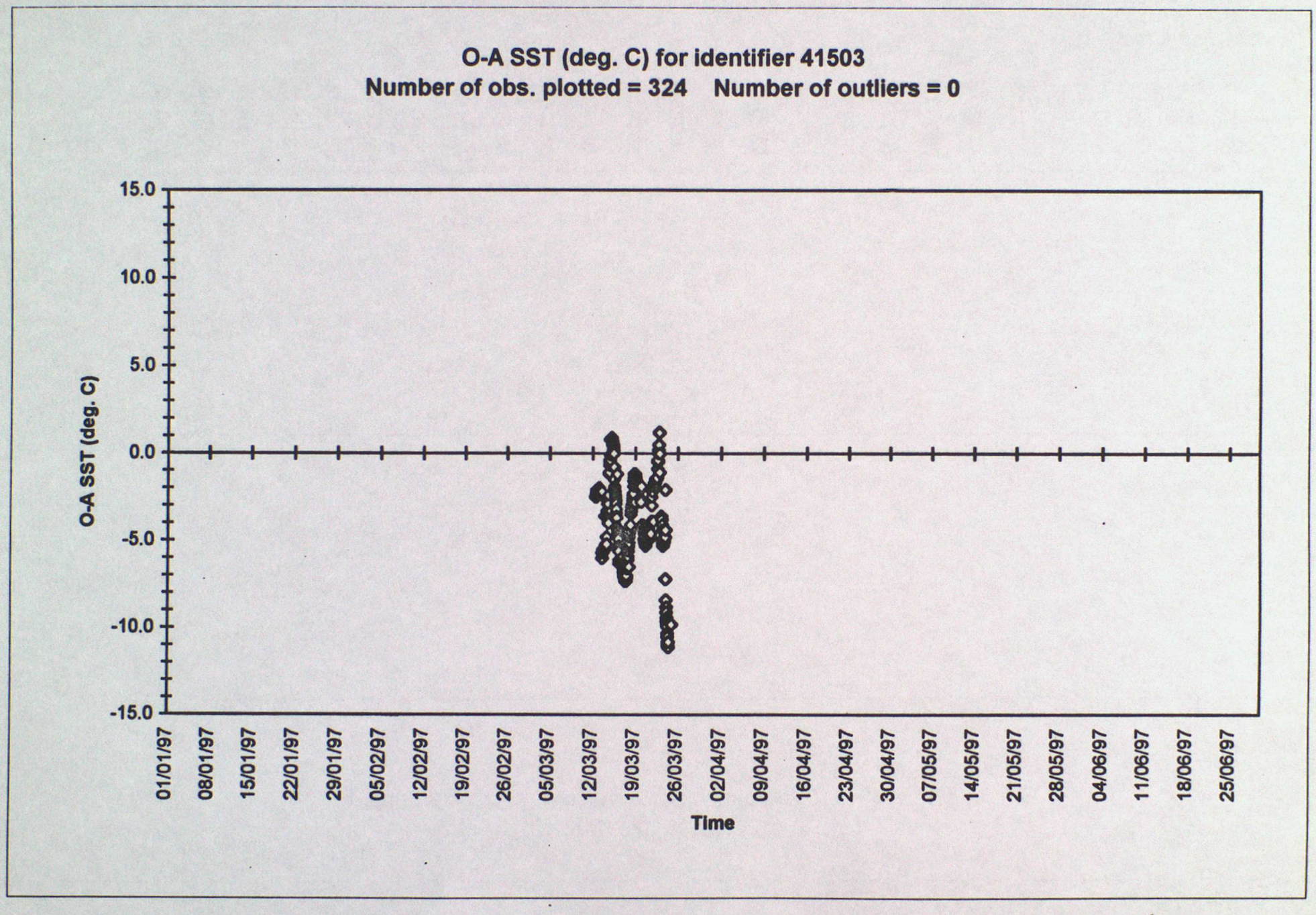
O-A SST (deg. C) for identifier 12517
Number of obs. plotted = 175 Number of outliers = 0
O-A SST (deg. C)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

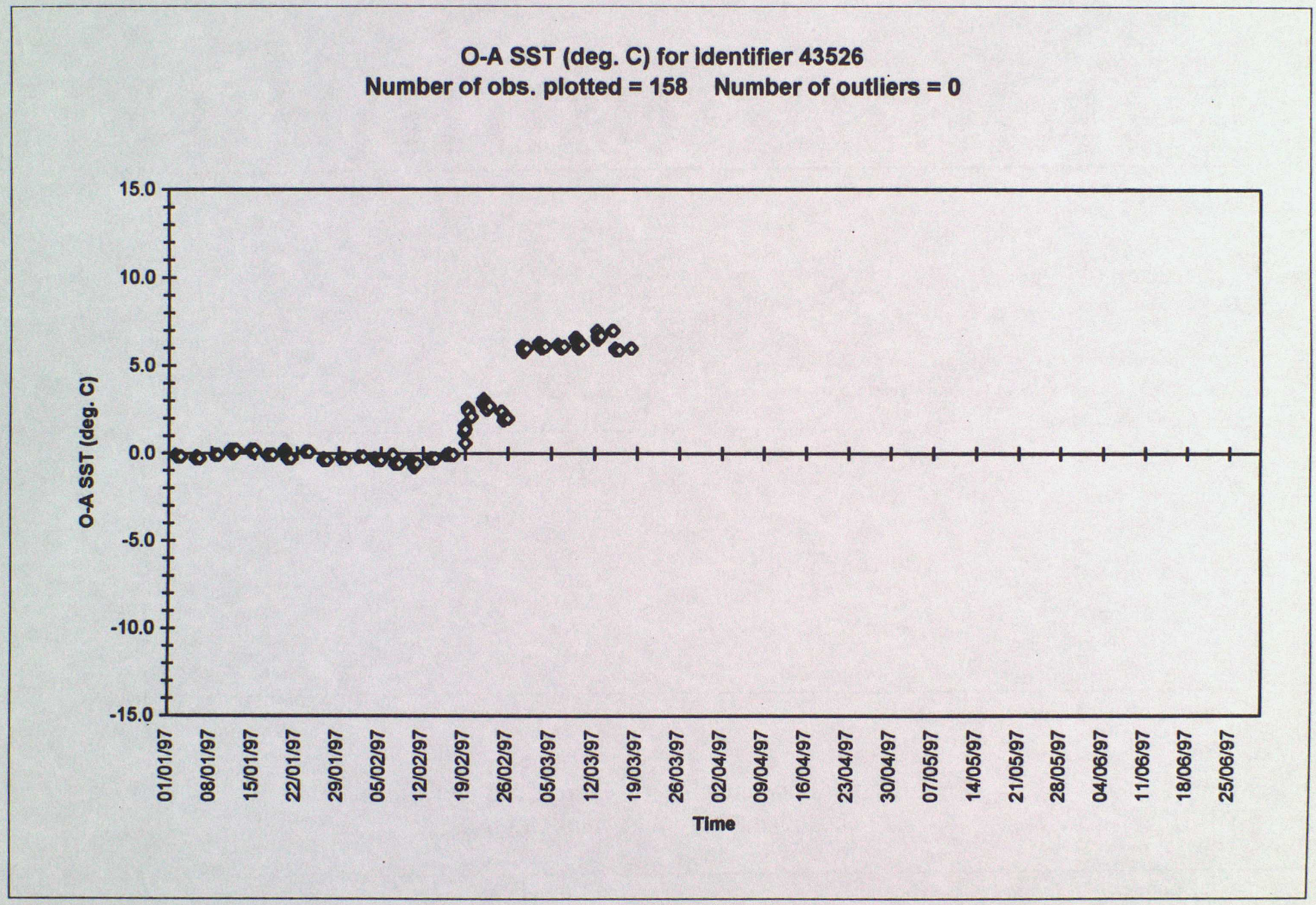

O-A SST (deg. C) for identifier 14916
Number of obs. plotted = 43 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-A SST (deg. C) for identifier 23911
Number of obs. plotted = 75 Number of outliers = 0
O-A SST (deg. C)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

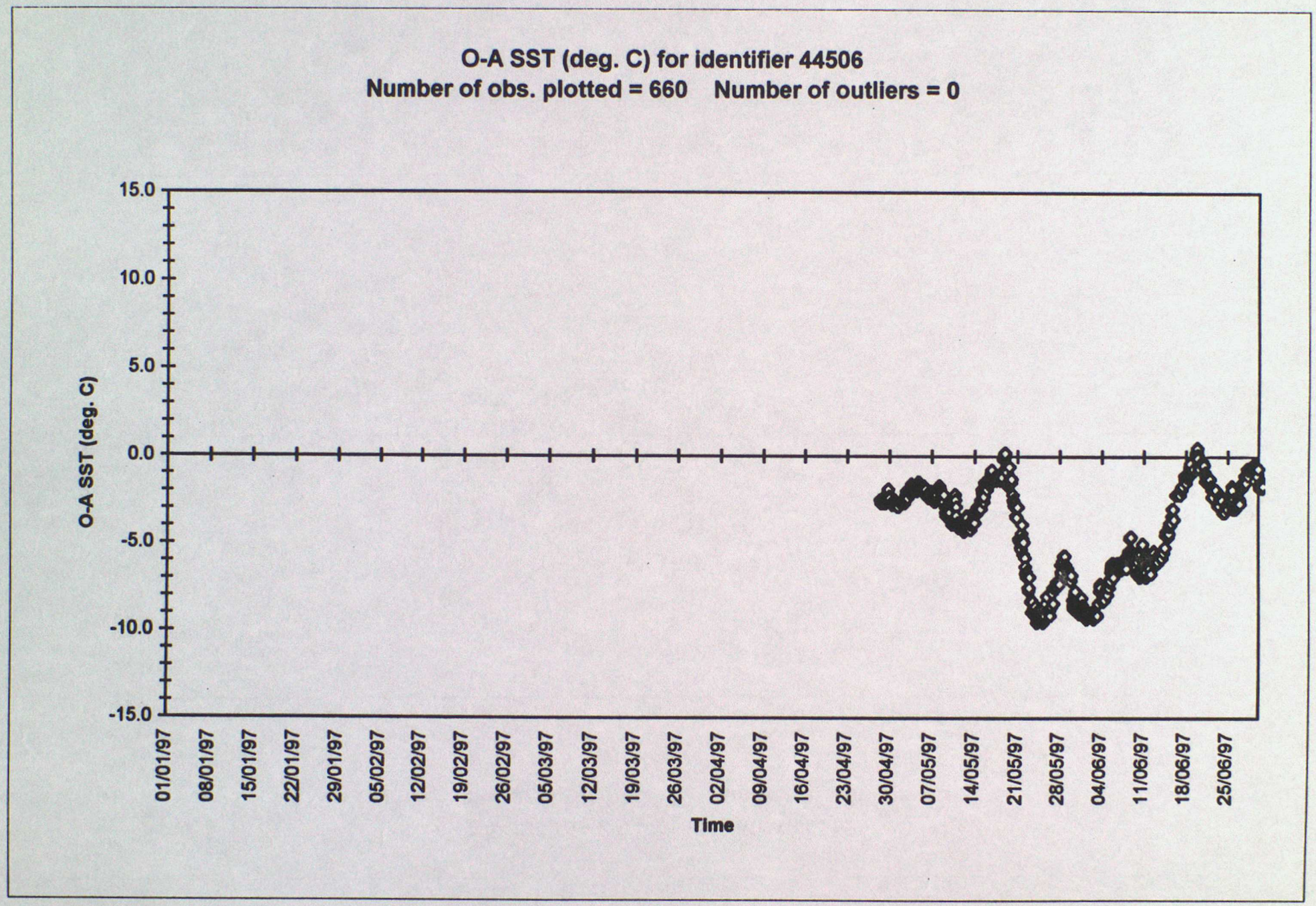
O-A SST (deg. C) for identifier 41501
Number of obs. plotted = 409 Number of outliers = 13
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-A SST (deg. C) for identifier 41502
Number of obs. plotted = 462 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

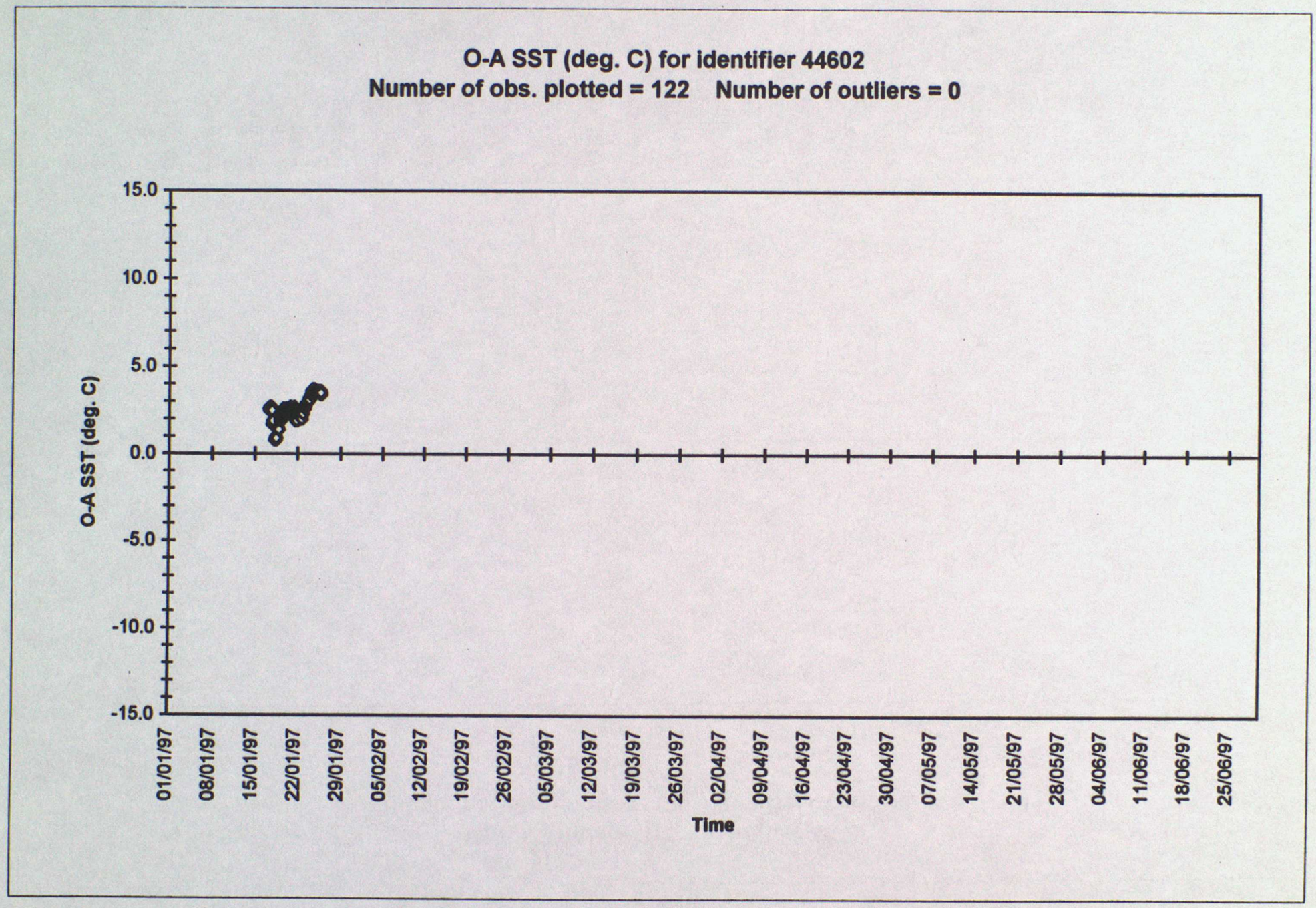

O-A SST (deg. C) for identifier 41503
Number of obs. plotted = 324 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time


O-A SST (deg. C) for identifier 43526
Number of obs. plotted = 158 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

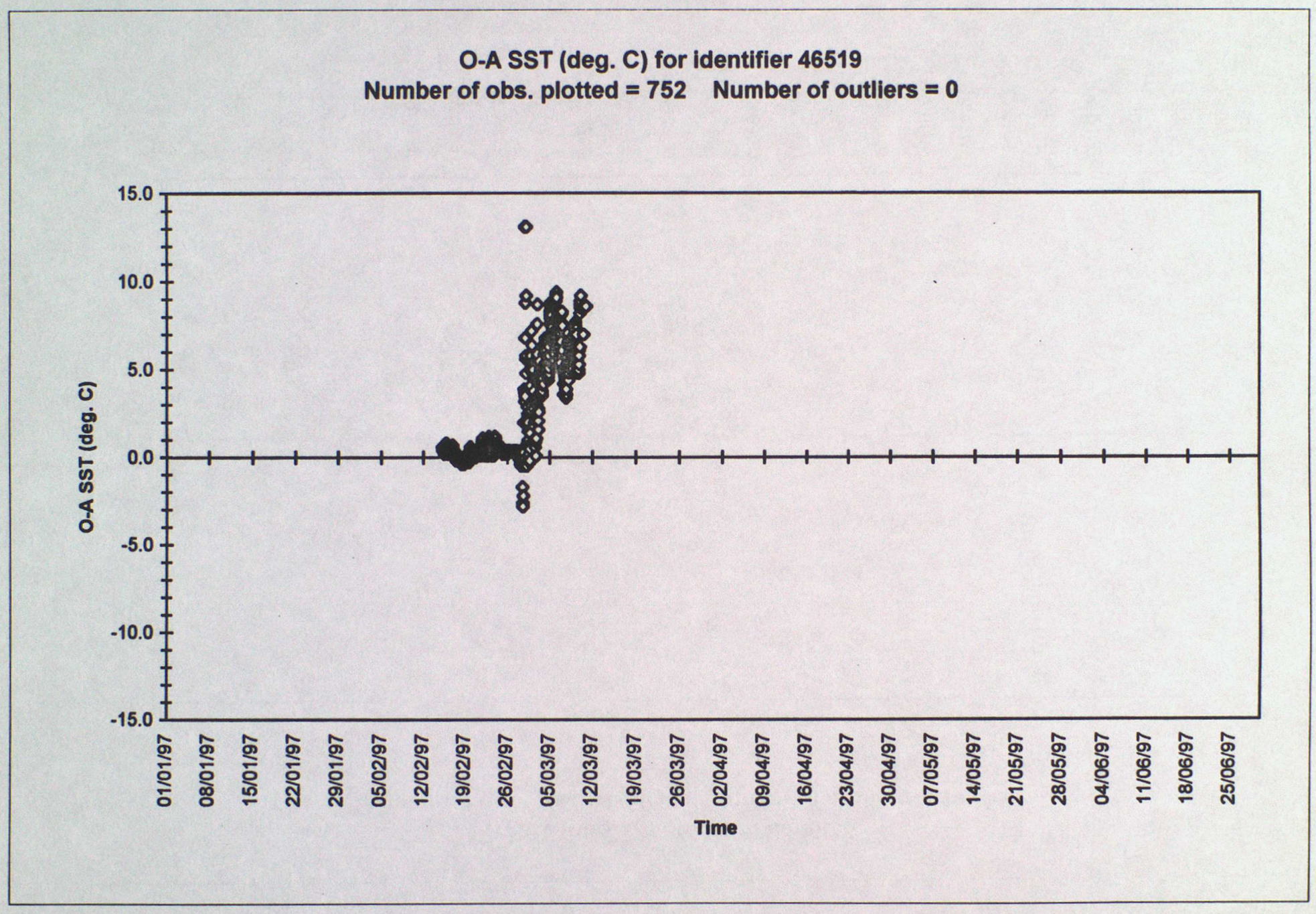
O-A SST (deg. C) for identifier 44501
Number of obs. plotted = 732 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-A SST (deg. C) for identifier 44506
Number of obs. plotted = 660 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

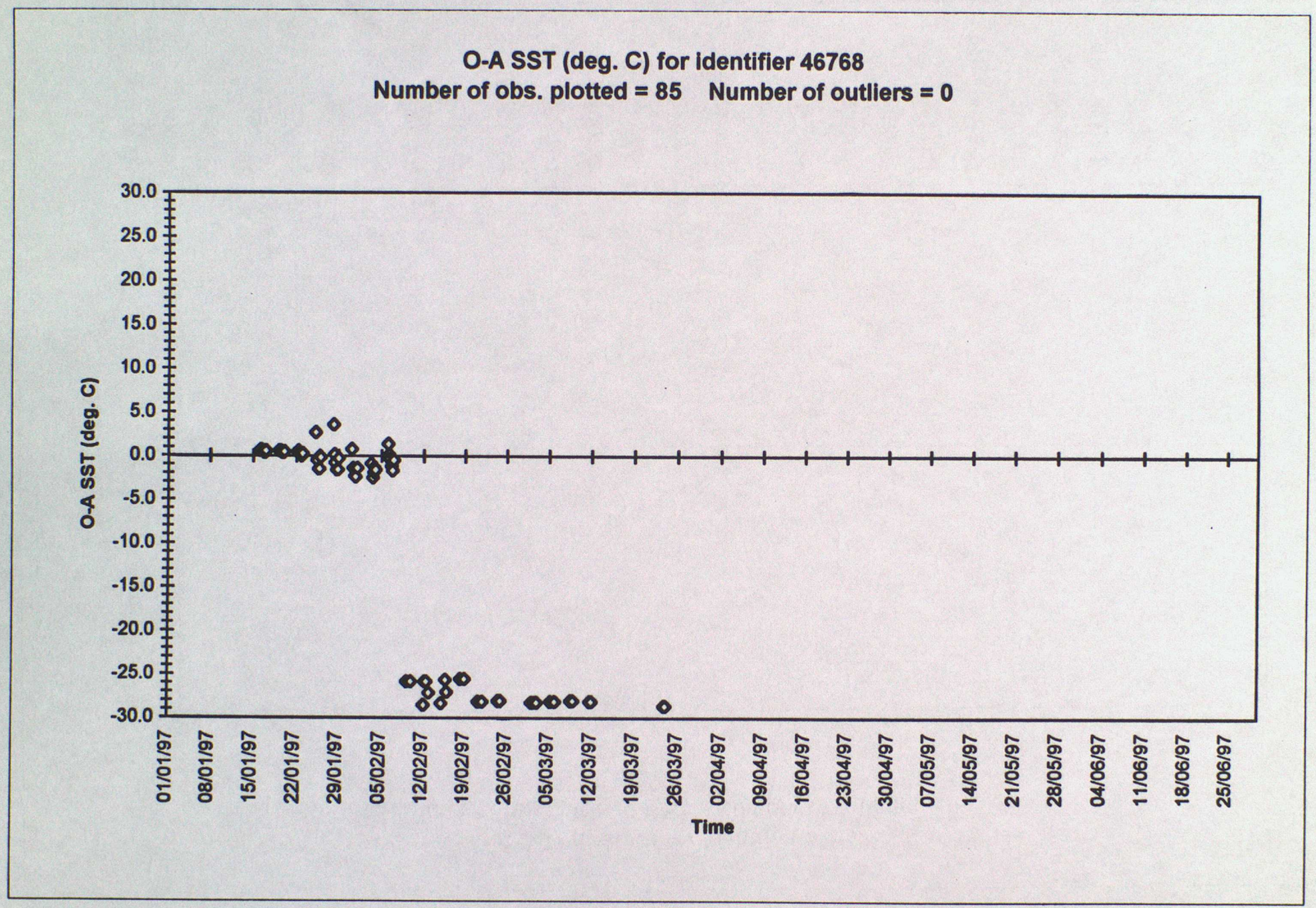
O-A SST (deg. C) for identifier 44555
Number of obs. plotted = 217 Number of outliers = 3
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-A SST (deg. C) for identifier 44602
Number of obs. plotted = 122 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-A SST (deg. C) for Identifier 44765
Number of obs. plotted = 79 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-A SST (deg. C) for identifier 46519
Number of obs. plotted = 752 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

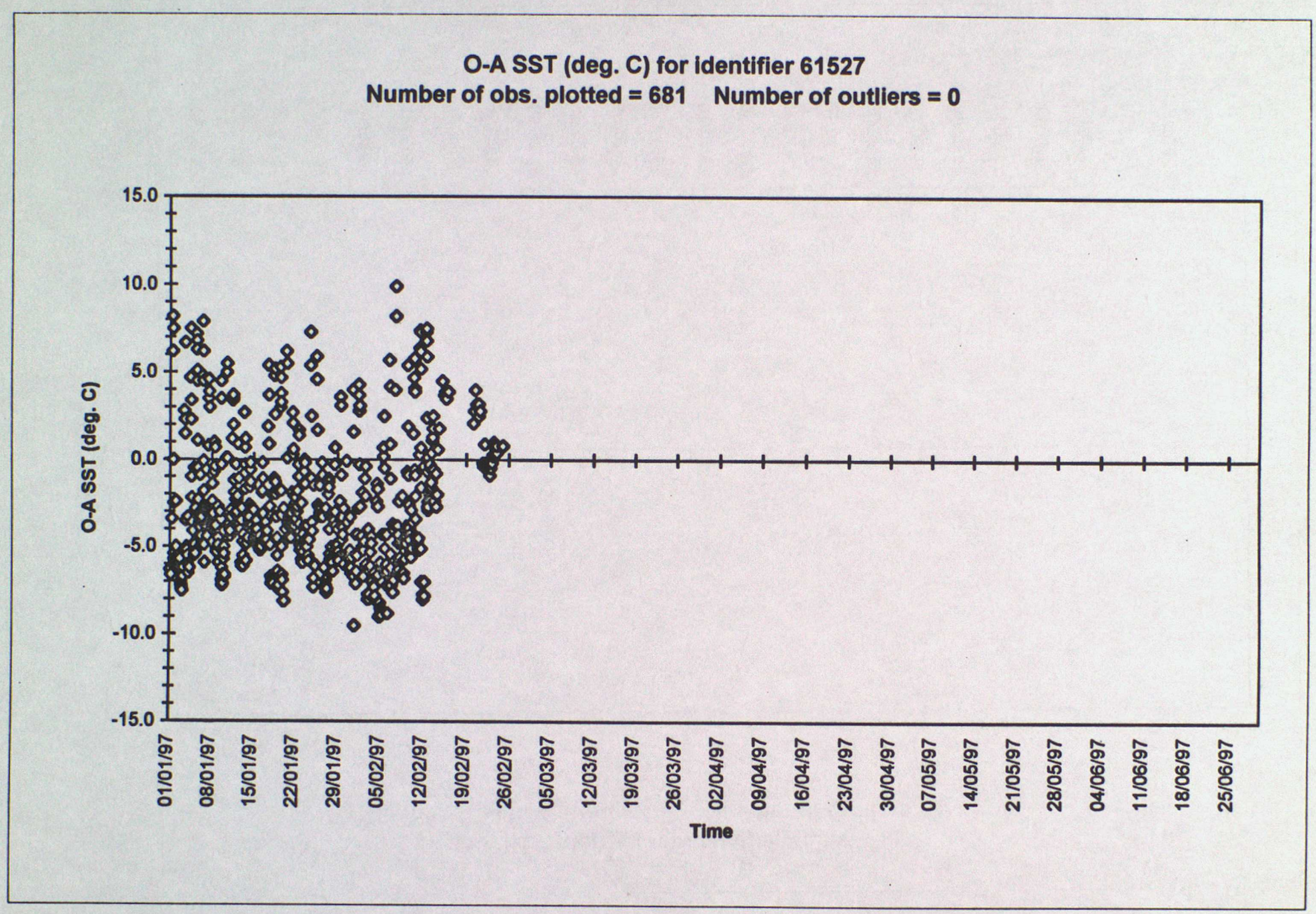
O-A SST (deg. C) for Identifier 46607
Number of obs. plotted = 333 Number of outliers = 10
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-A SST (deg. C) for identifier 46768
Number of obs. plotted = 85 Number of outliers = 0
O-A SST (deg. C)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

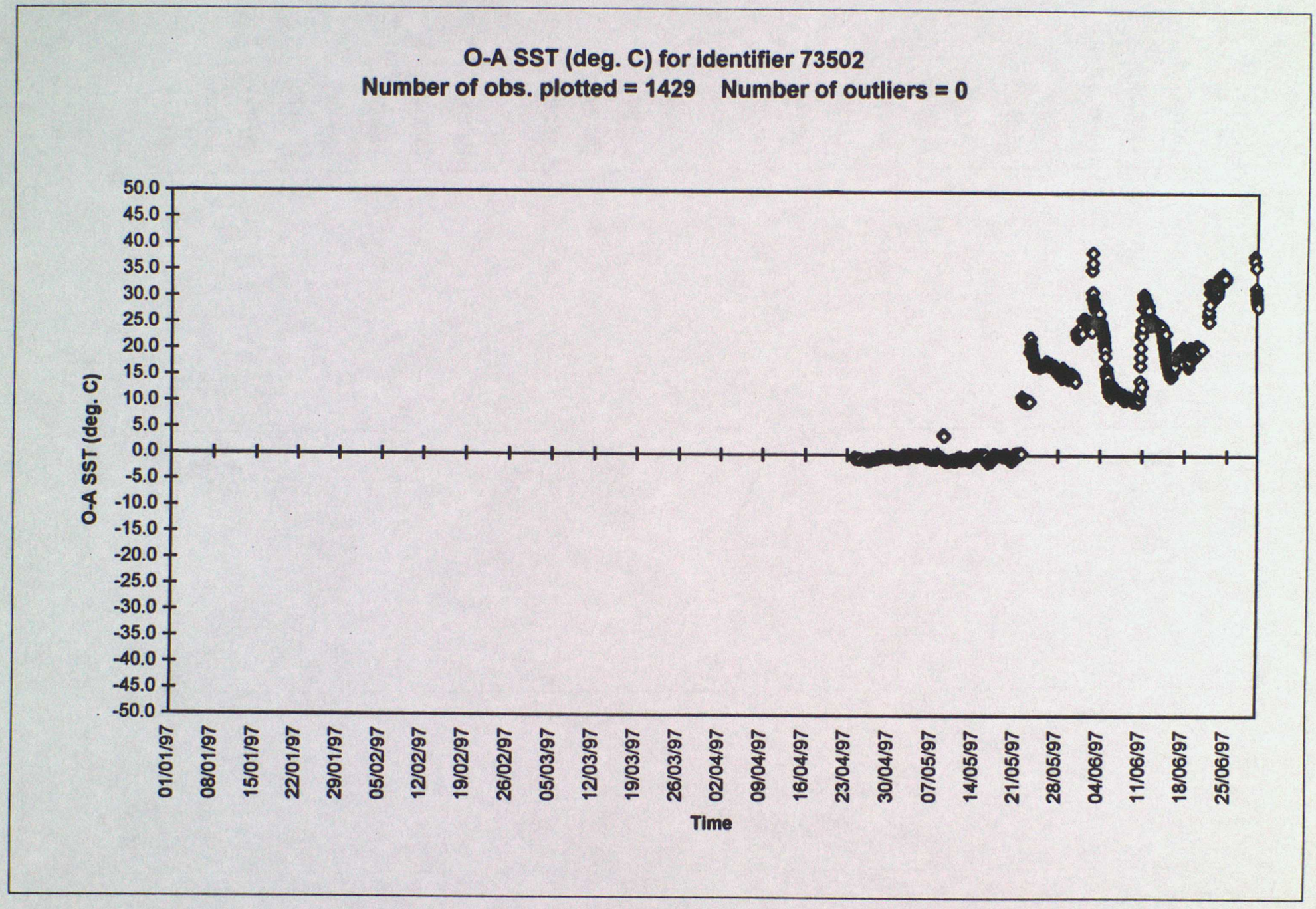
O-A SST (C) for identifier 51862
Number of obs. plotted = 62 Number of outliers = 0
O-A SST (deg. C)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

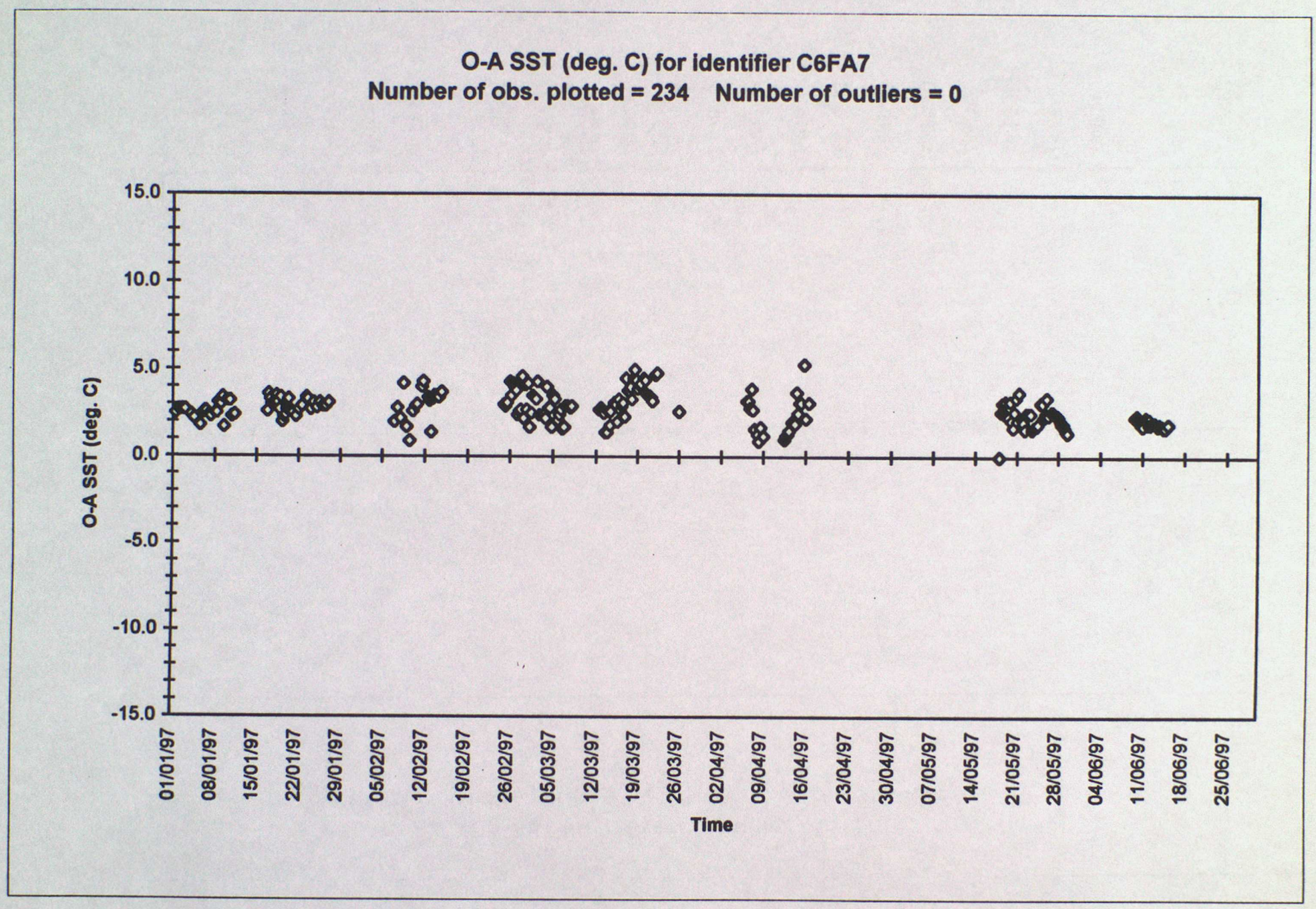
O-A SST (deg. C) for identifier 56901
Number of obs. plotted = 67 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

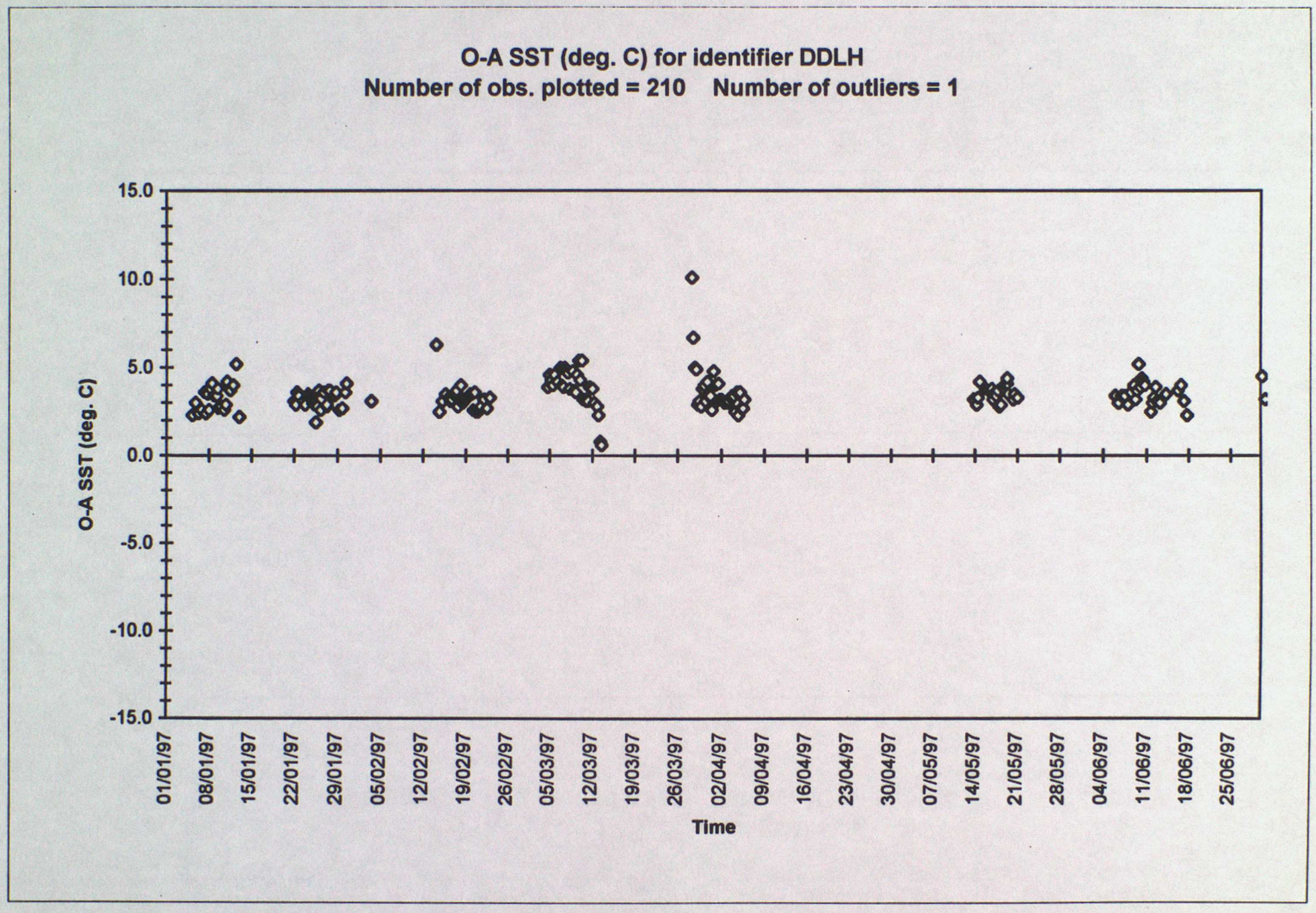
O-A SST (deg. C) for Identifier 61514
Number of obs. plotted = 56 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-A SST (deg. C) for identifier 61527
Number of obs. plotted = 681 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

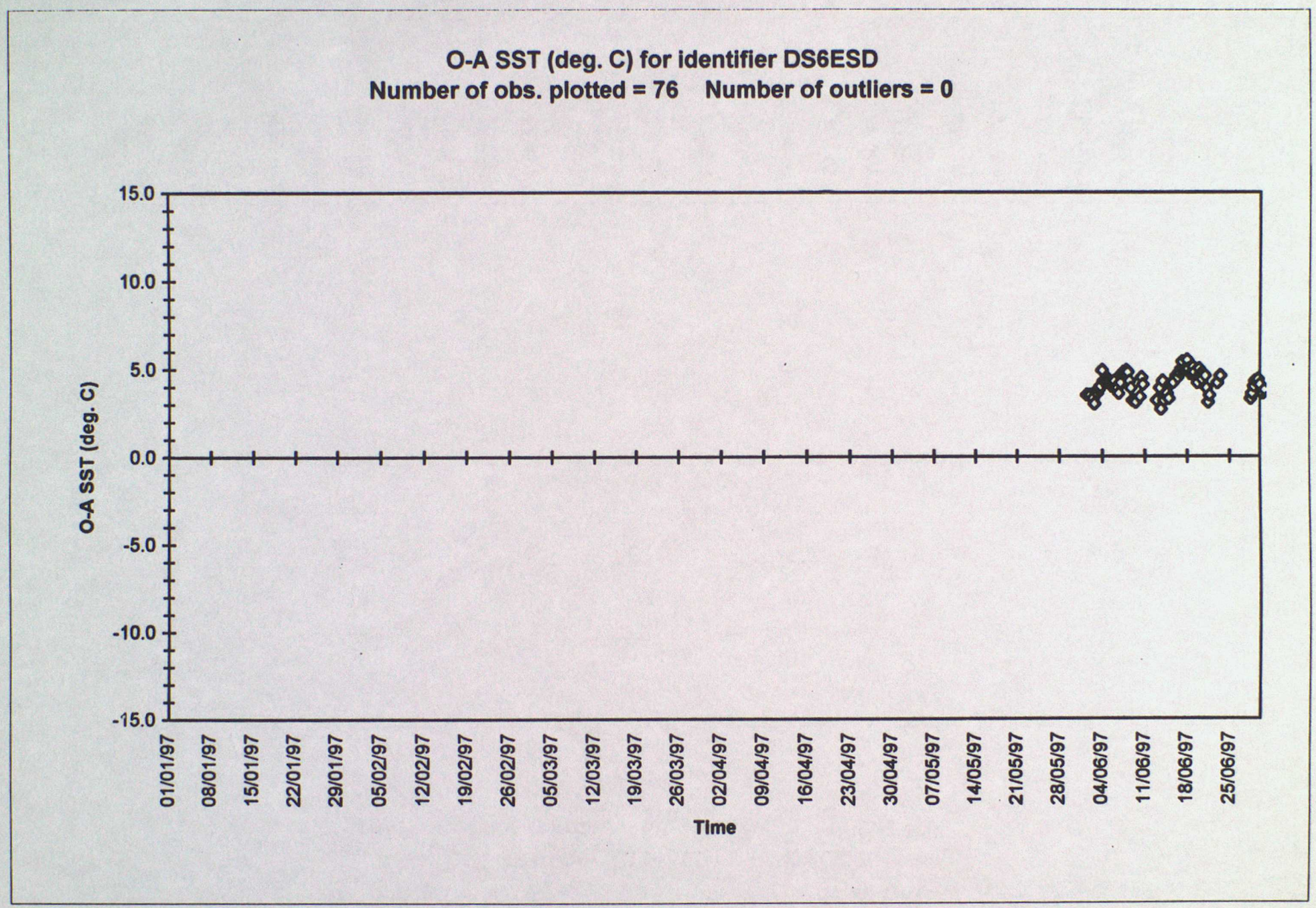
O-A SST (deg. C) for identifier 65901
Number of obs. plotted = 153 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-A SST (deg. C) for identifier 73502
Number of obs. plotted = 1429 Number of outliers = 0
O-A SST (deg. C)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

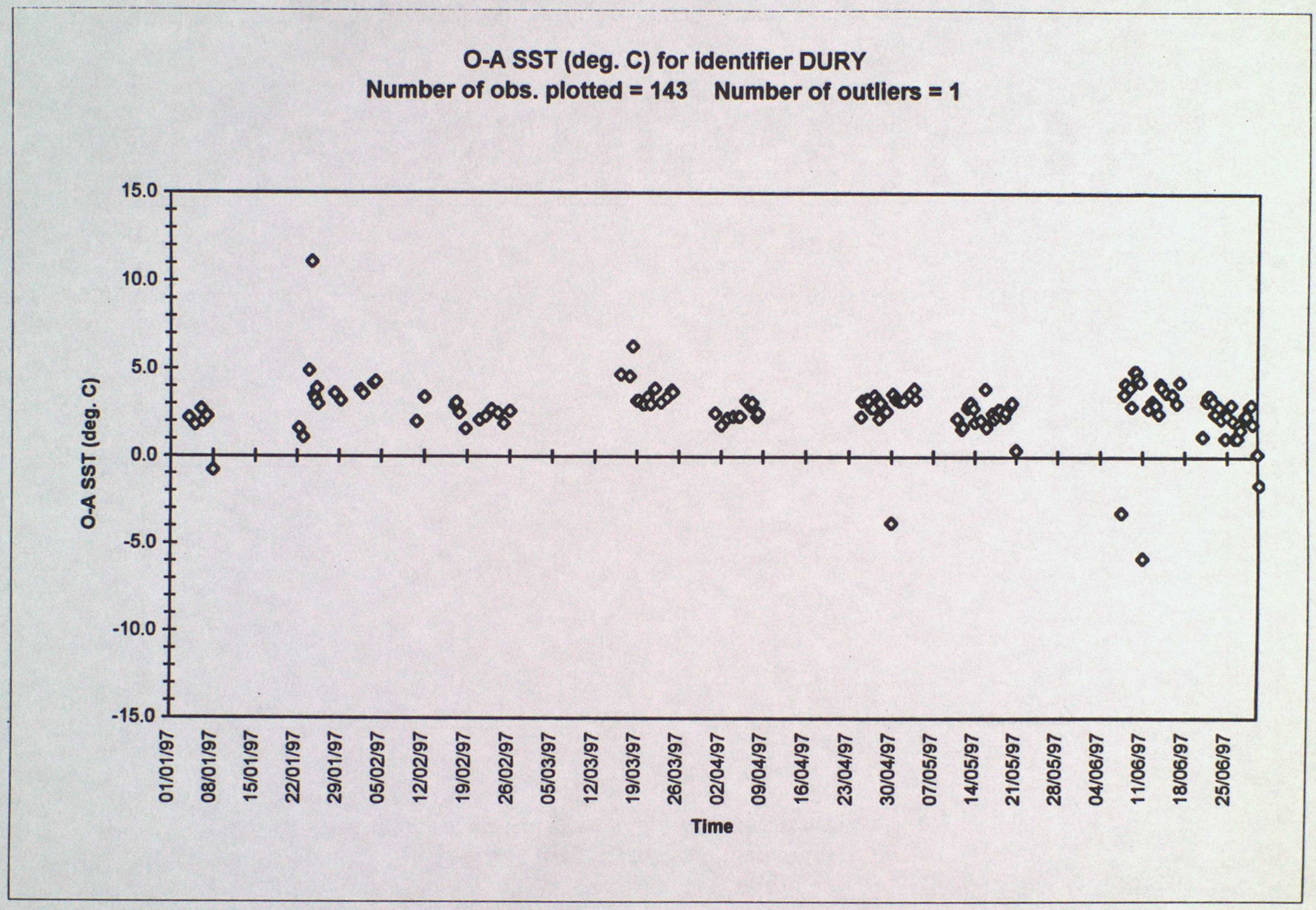

O-A SST (deg. C) for identifier C6FA7
Number of obs. plotted = 234 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time


O-A SST (deg. C) for identifier DDLH
Number of obs. plotted = 210 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-A SST (deg. C) for identifier DNGB
Number of obs. plotted = 108 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-A SST (deg. C) for identifier DS6ESD
Number of obs. plotted = 76 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

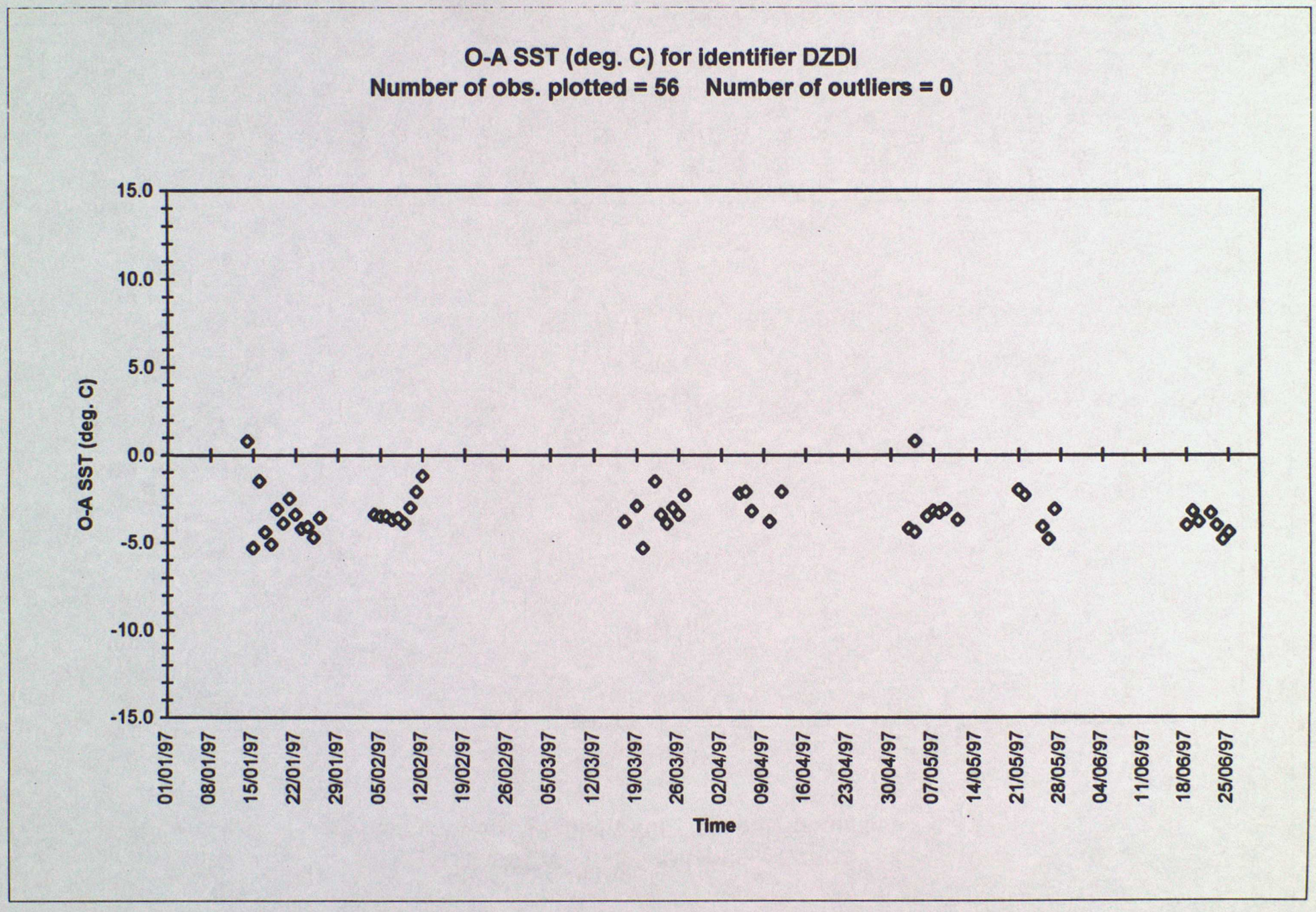
O-A SST (deg. C) for identifier DULR
Number of obs. plotted = 68 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

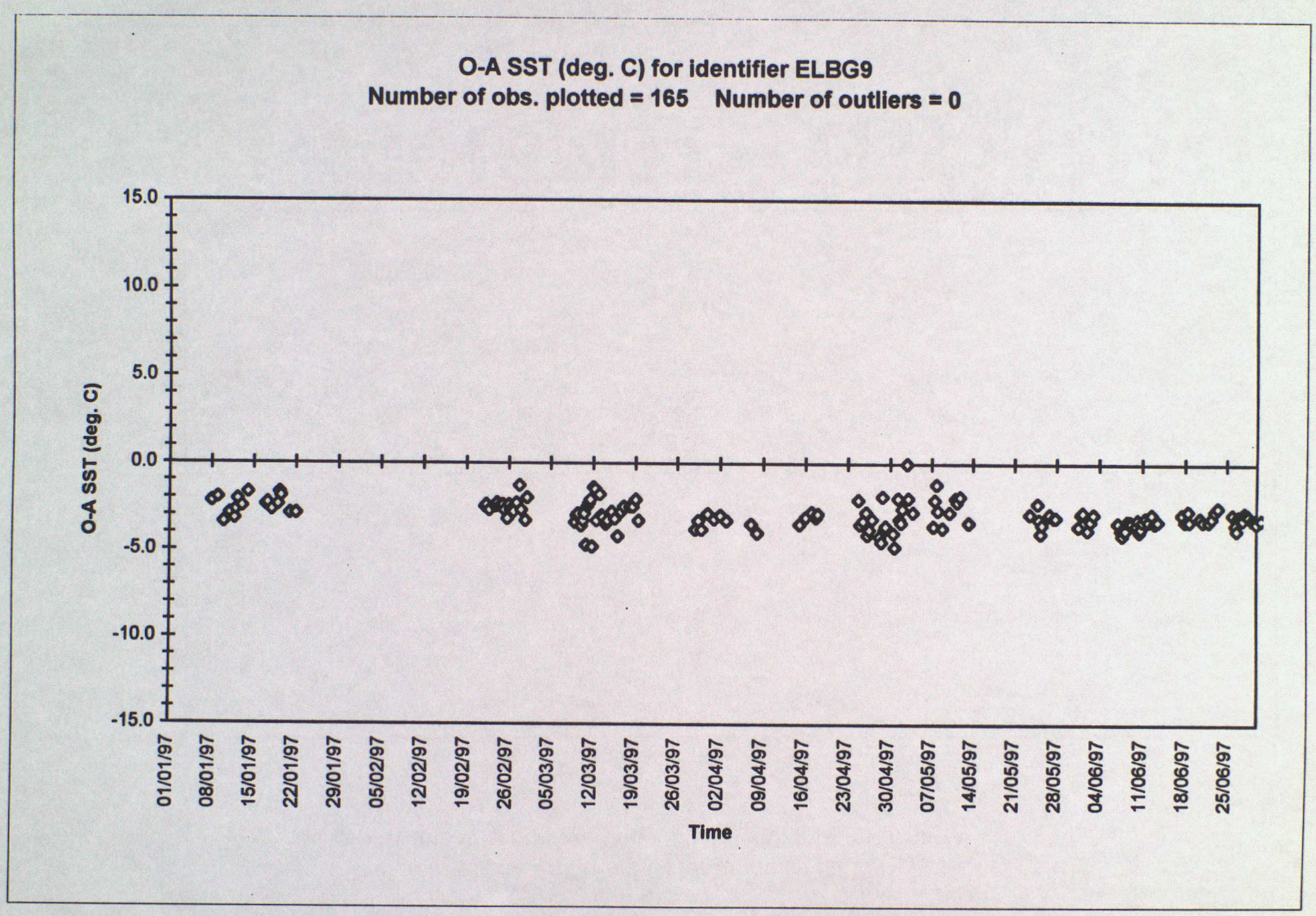

O-A SST (deg. C) for identifier DURY
Number of obs. plotted = 143 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

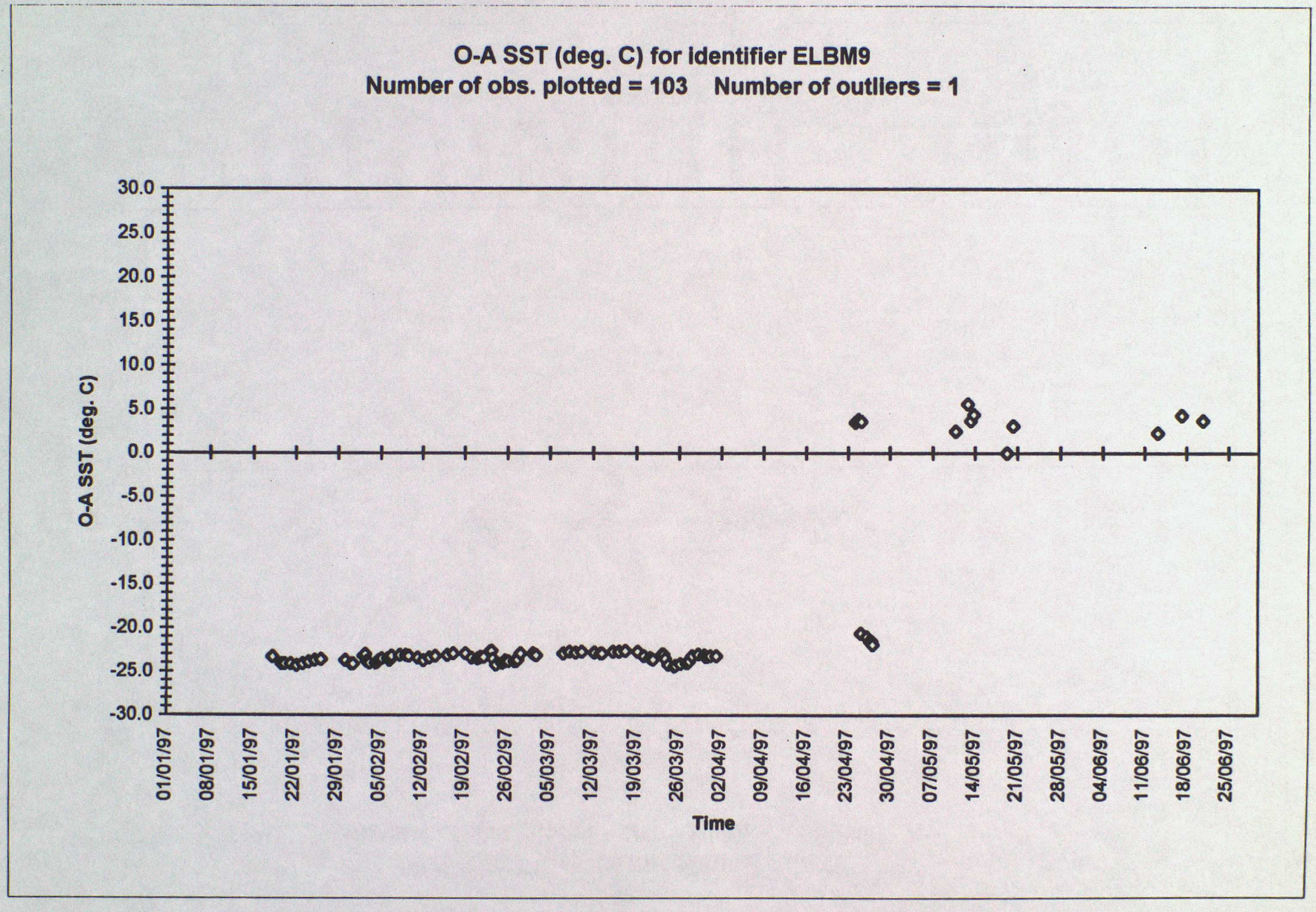
O-A SST (deg. C) for Identifier DUZH
Number of obs. plotted = 52 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-A SST (deg. C) for identifier DVDM
Number of obs. plotted = 162 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

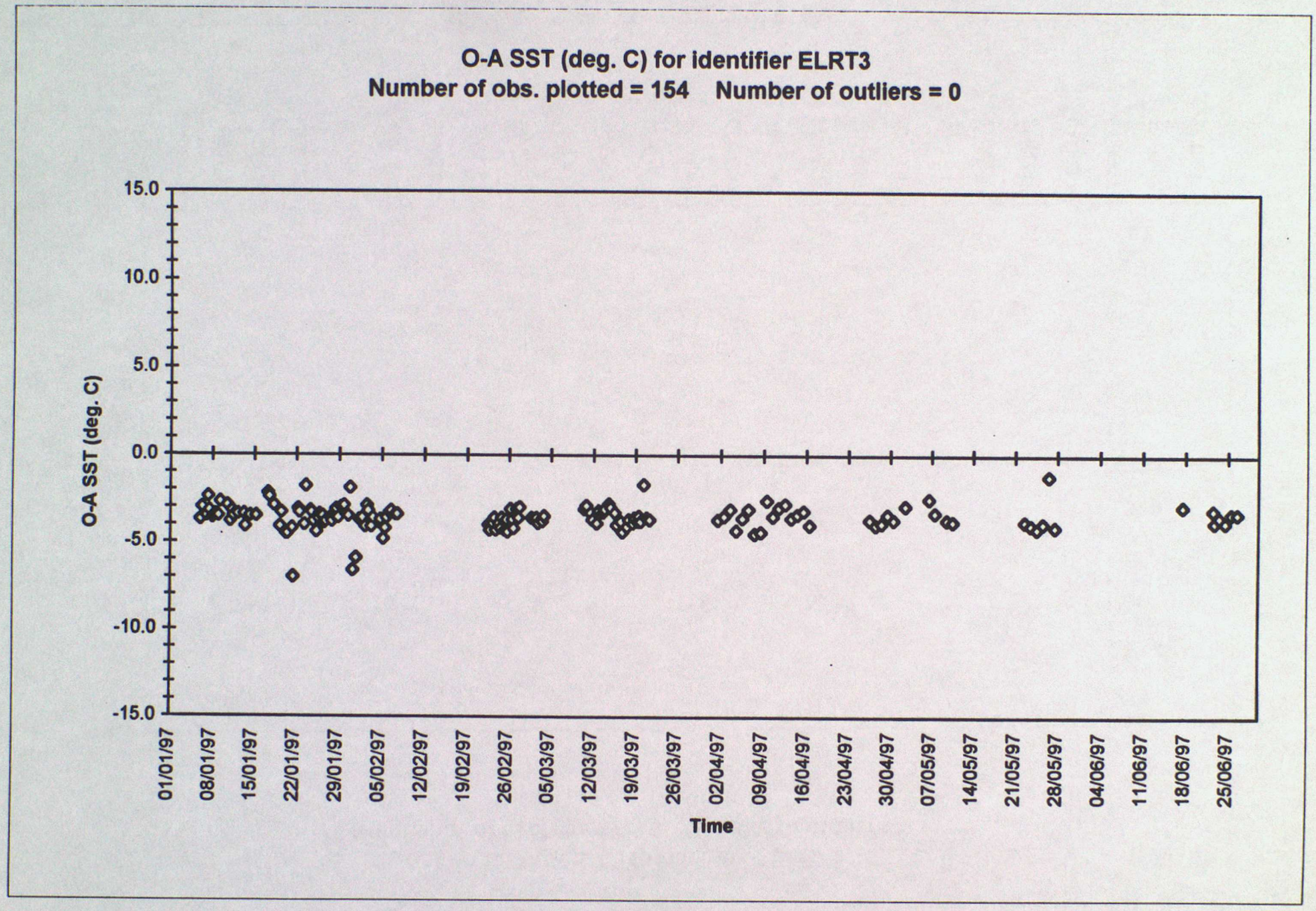
O-A SST (deg. C) for identifier DZCAW7D
Number of obs. plotted = 148 Number of outliers = 10
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-A SST (deg. C) for identifier DZDI
Number of obs. plotted = 56 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

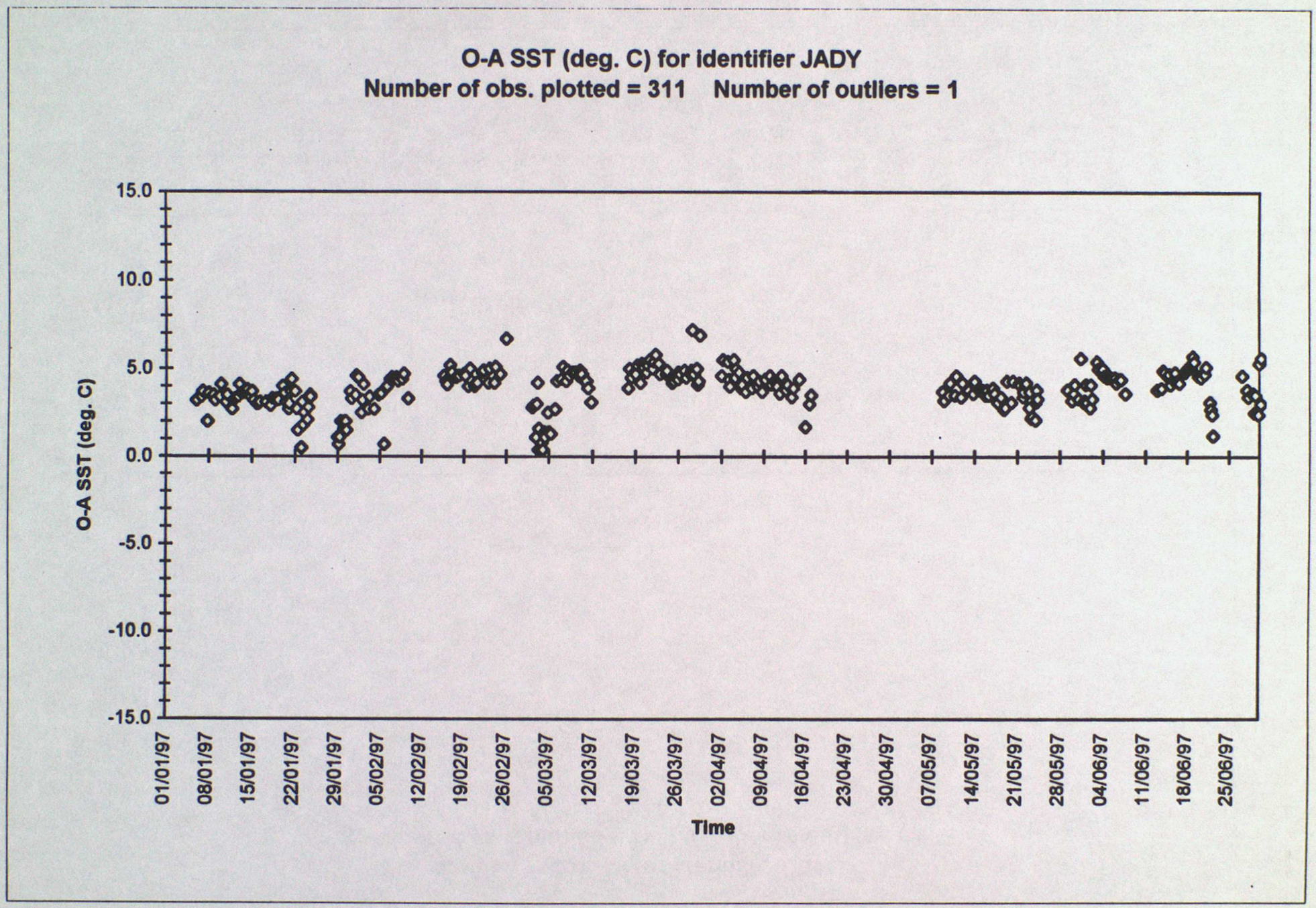

O-A SST (deg. C) for identifier ELBG9
Number of obs. plotted = 165 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time


O-A SST (deg. C) for identifier ELBM9
Number of obs. plotted = 103 Number of outliers = 1
O-A SST (deg. C)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-A SST (deg. C) for identifier ELMV6
Number of obs. plotted = 210 Number of outliers = 1
O-A SST (deg. c)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-A SST (deg. C) for identifier ELRT3
Number of obs. plotted = 154 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-A SST (deg. C) for identifier ELRY5
Number of obs. plotted = 71 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-A SST (deg. C) for identifier JADY
Number of obs. plotted = 311 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-A SST (deg. C) for identifier JPPT
Number of obs. plotted = 79 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-A SST (deg. C) for Identifier J8FI5
Number of obs. plotted = 212 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-A SST (deg. C) for identifier KBGK
Number of obs. plotted = 213 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-A SST (deg. C) for Identifier KGJB
Number of obs. plotted = 179 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
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21/05/97
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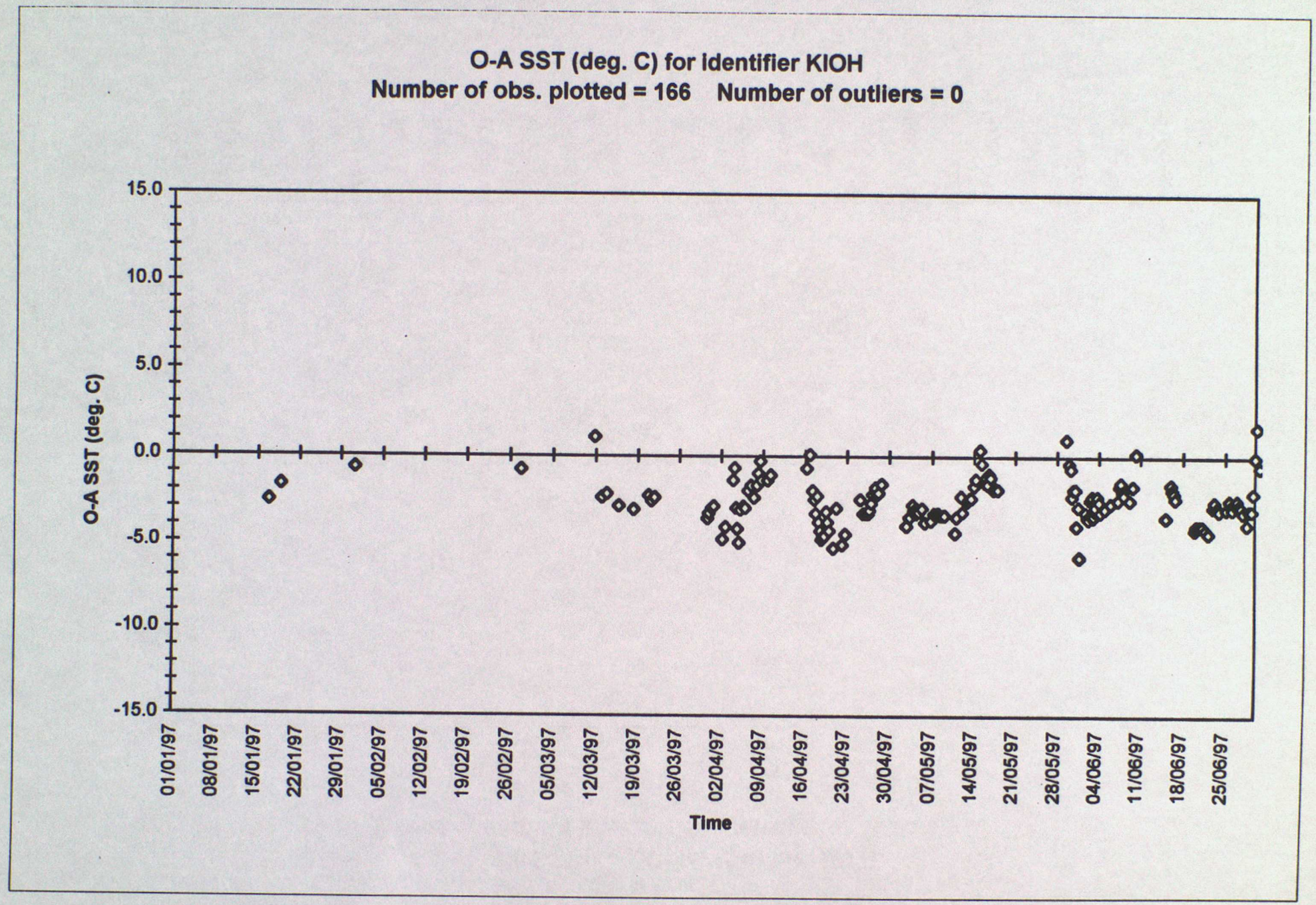
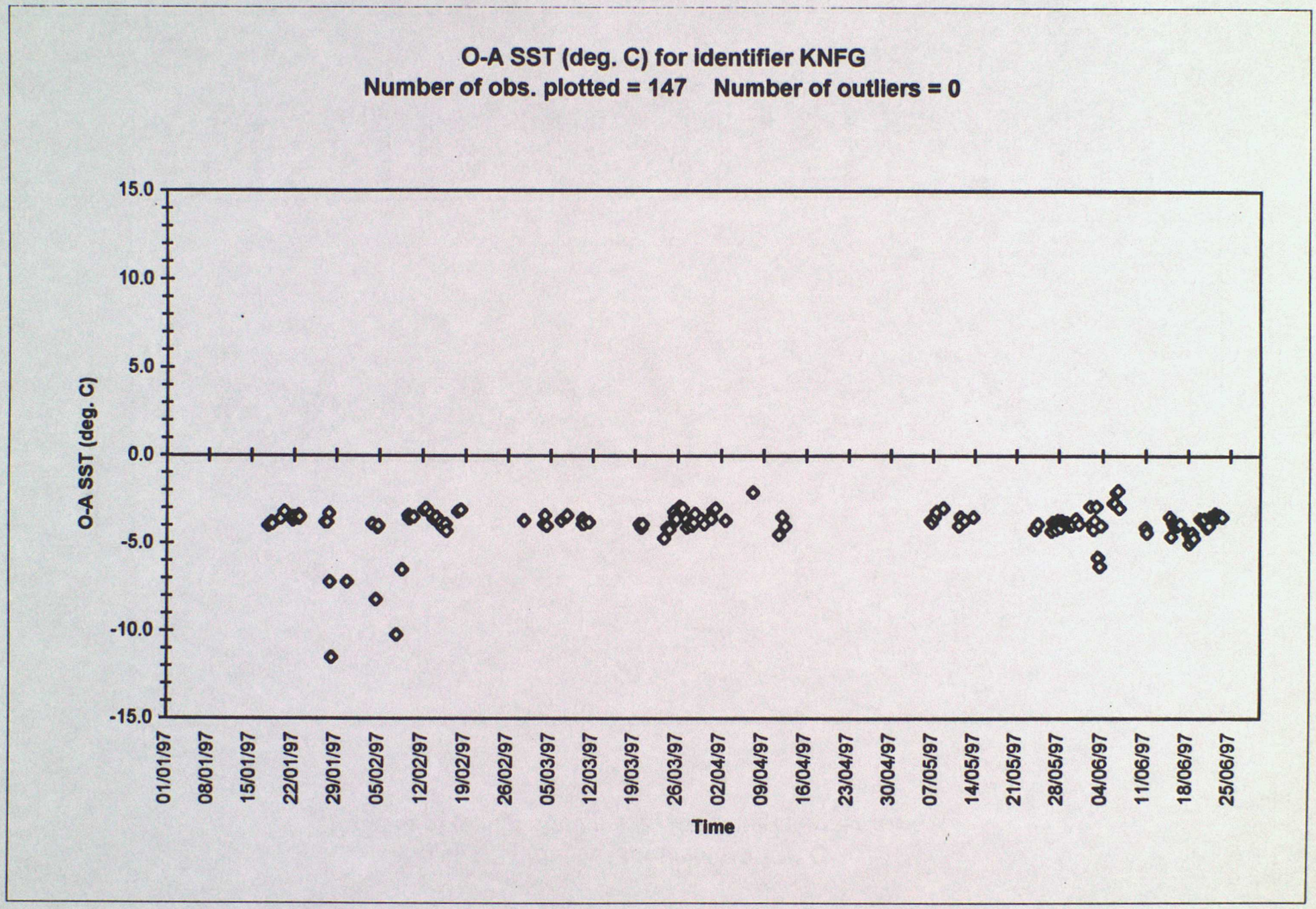
11/06/97
18/06/97
25/06/97


O-A SST (deg. C) for identifier KIOH
Number of obs. plotted = 166 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-A SST (deg. C) for identifier KLKZ
Number of obs. plotted = 79 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

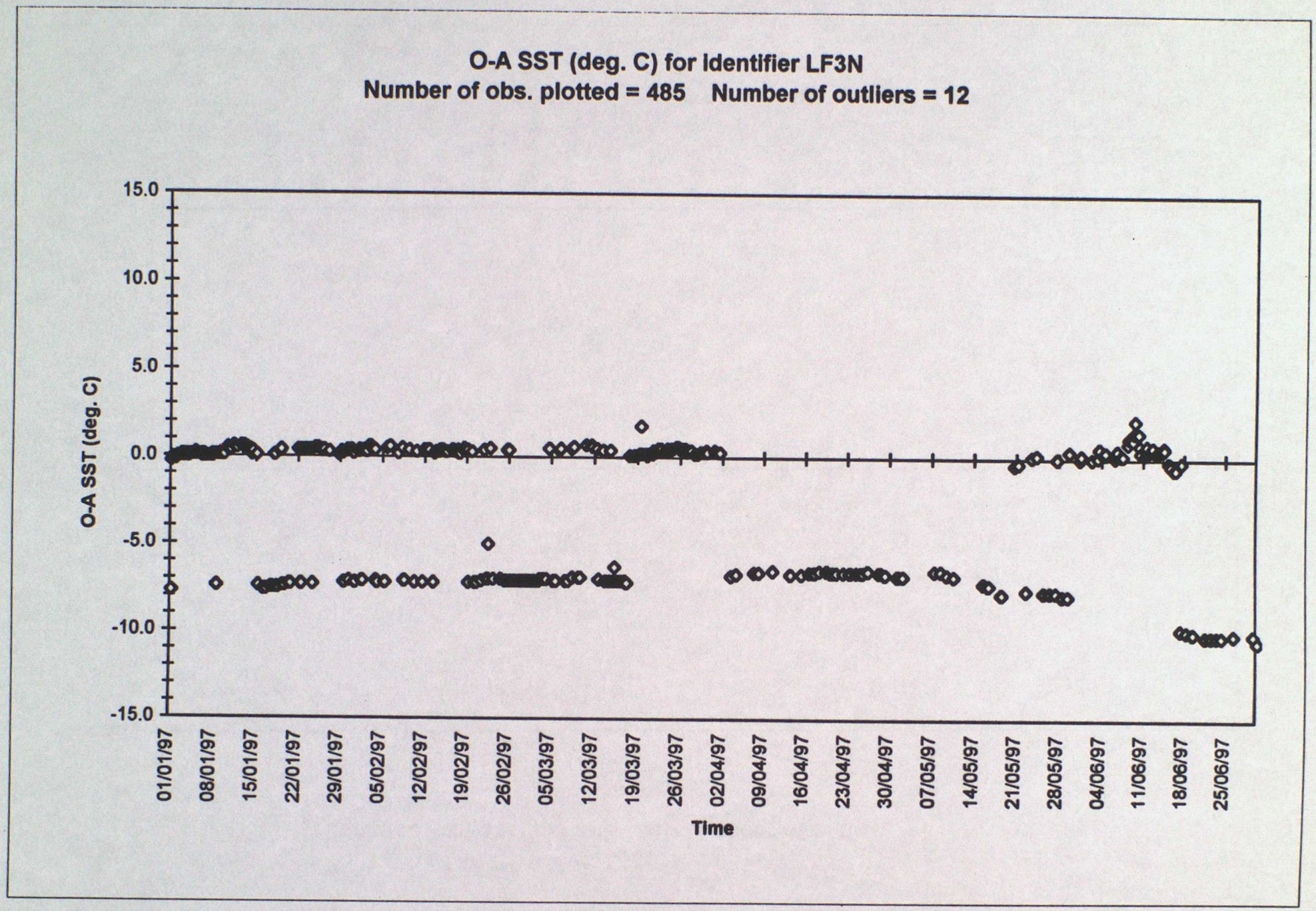
O-A SST (deg. C) for identifier KLPN
Number of obs. plotted = 44 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

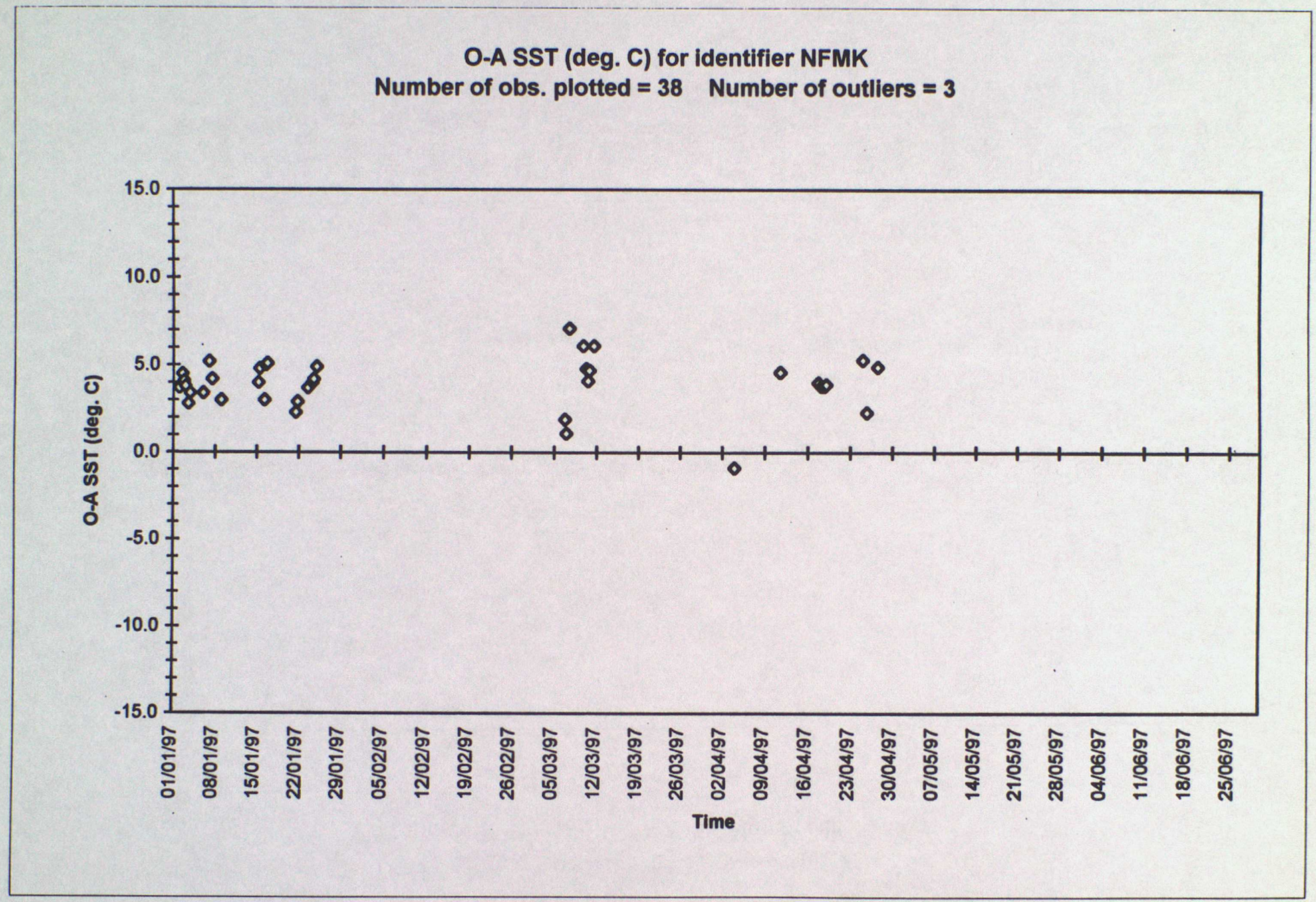

O-A SST (deg. C) for identifier KNFG
Number of obs. plotted = 147 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

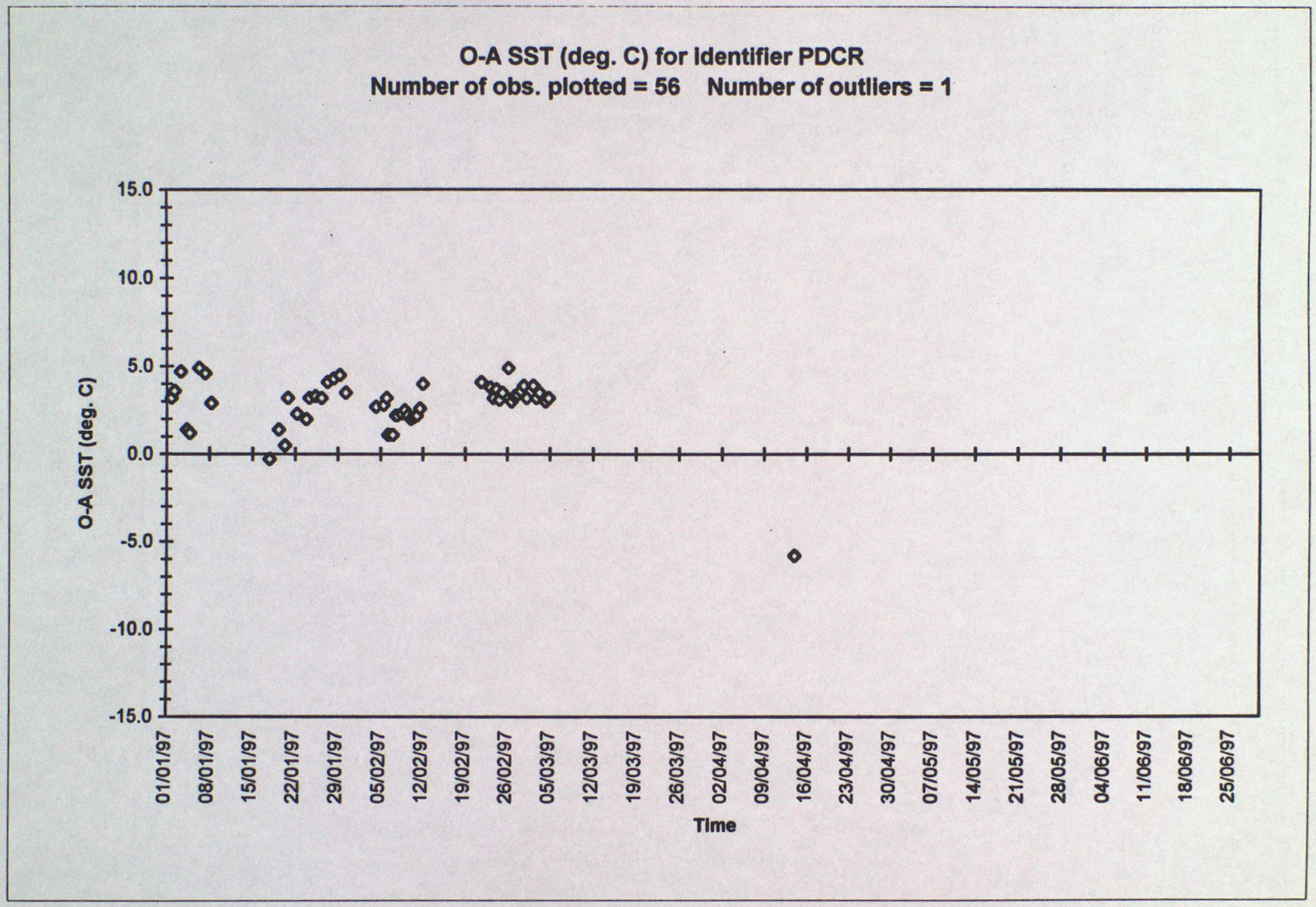
O-A SST (deg. C) for Identifier KNLO
Number of obs. plotted = 172 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-A SST (deg. C) for identifier KSPH
Number of obs. plotted = 52 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-A SST (deg. C) for identifier LADR4
Number of obs. plotted = 211 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

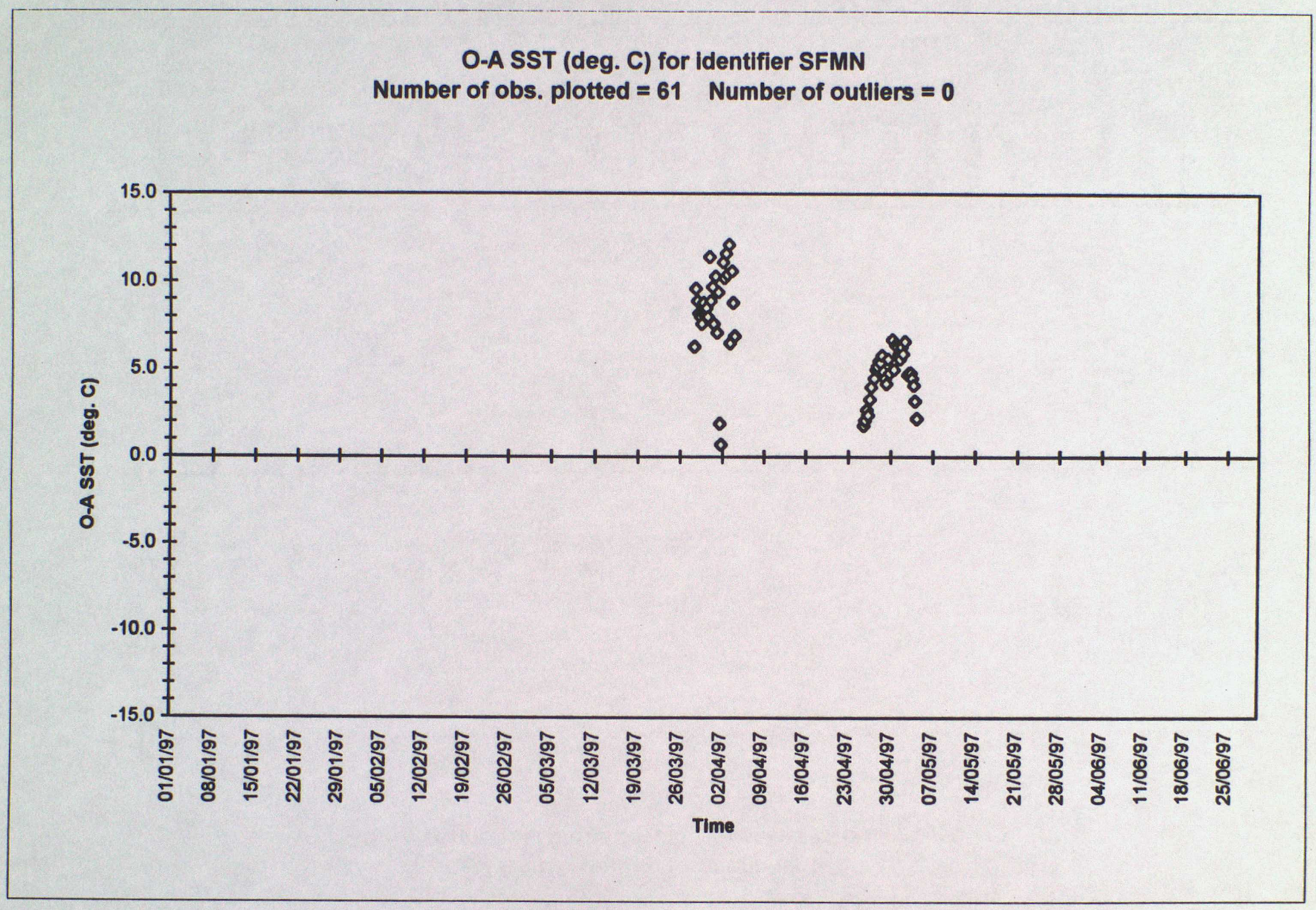

O-A SST (deg. C) for Identifier LF3N
Number of obs. plotted = 485 Number of outliers = 12
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time


O-A SST (deg. C) for identifier NFMK
Number of obs. plotted = 38 Number of outliers = 3
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time


O-A SST (deg. C) for Identifier PDCR
Number of obs. plotted = 56 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

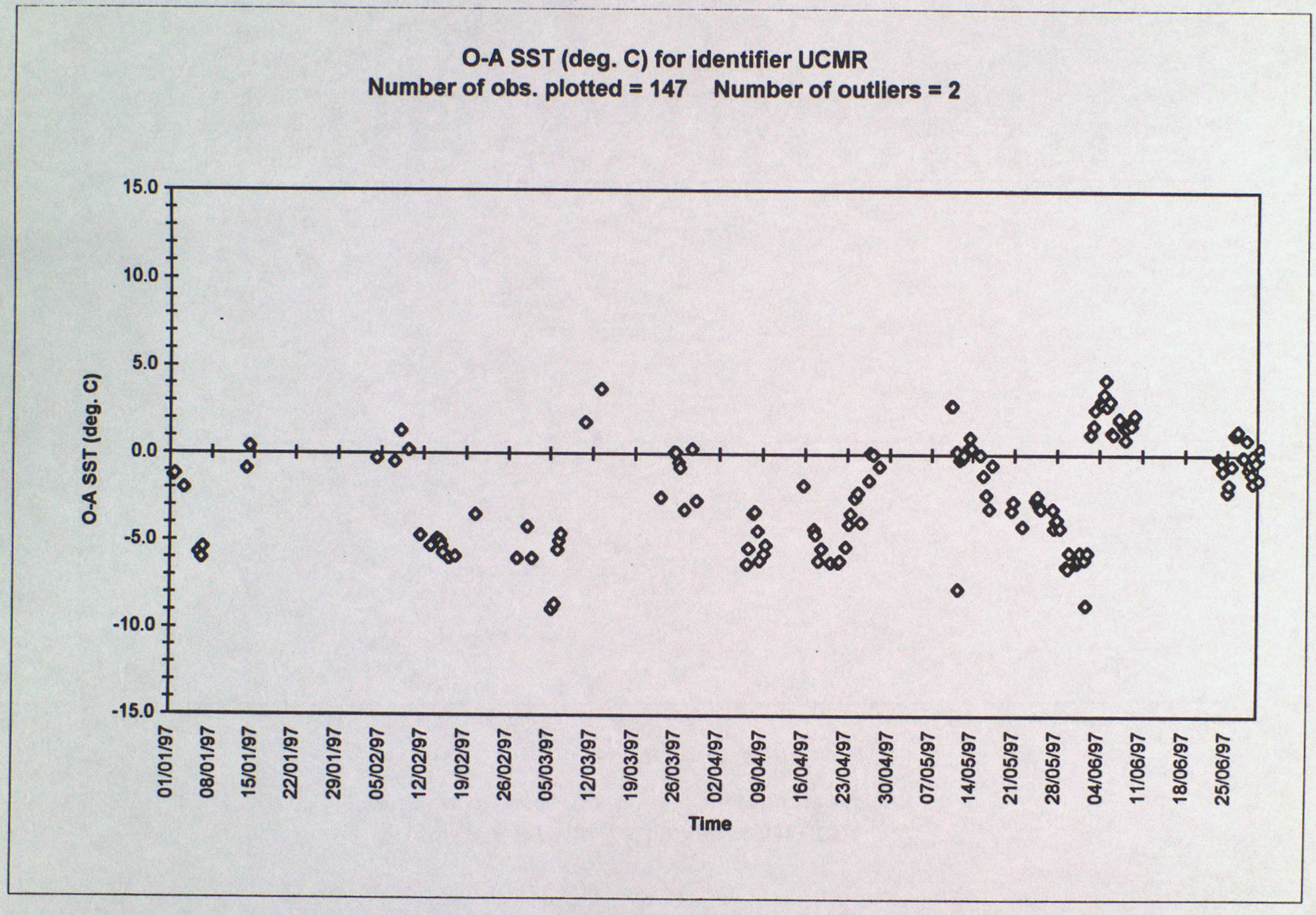
O-A SST (deg. C) for identifier PDJS
Number of obs. plotted = 63 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

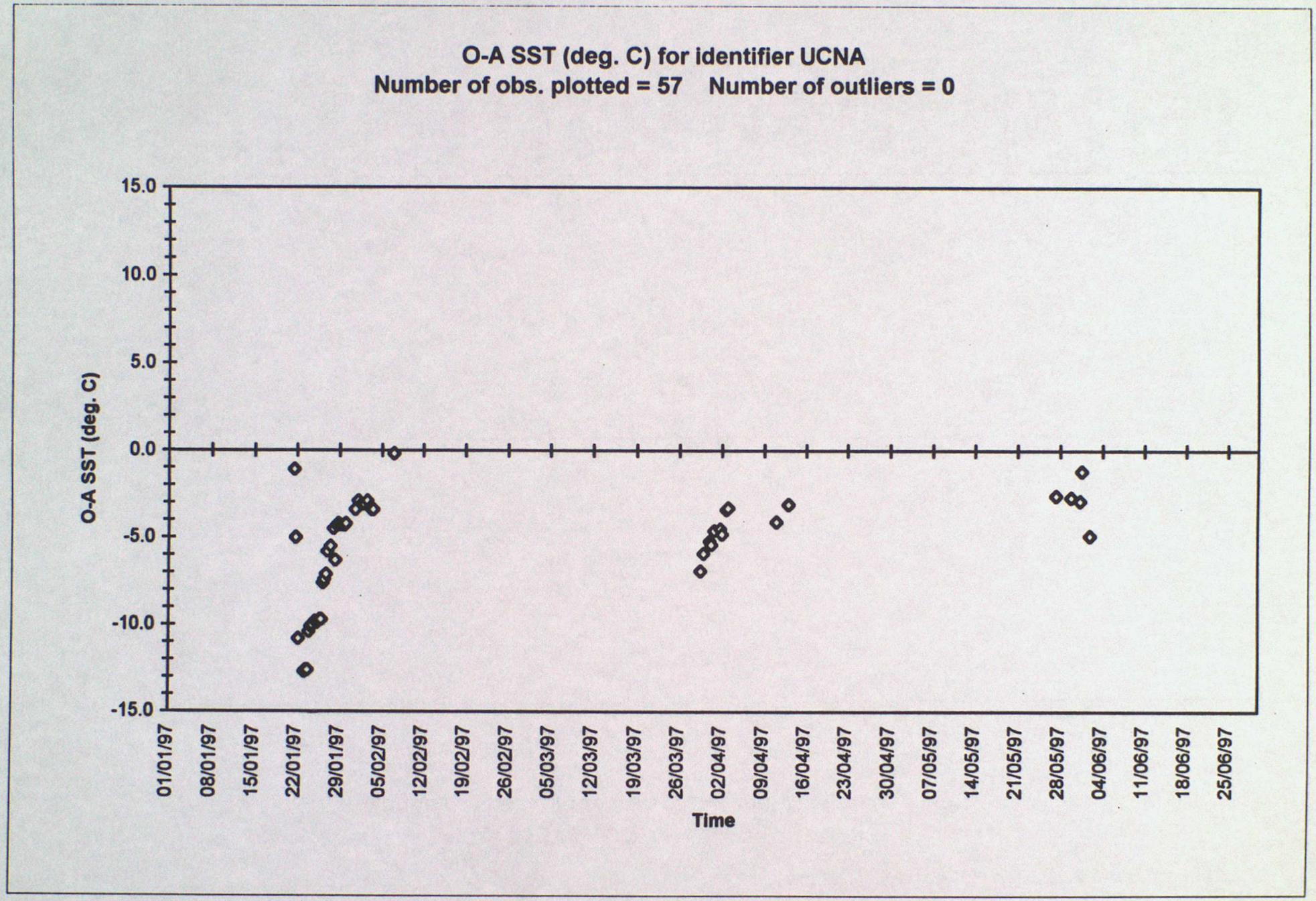
O-A SST (deg. C) for identifier SDIA
Number of obs. plotted = 328 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-A SST (deg. C) for identifier SFMN
Number of obs. plotted = 61 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-A SST (deg. C) for identifier S6ES
Number of obs. plotted = 213 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

O-A SST (deg. C) for identifier UCCI
Number of obs. plotted = 41 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

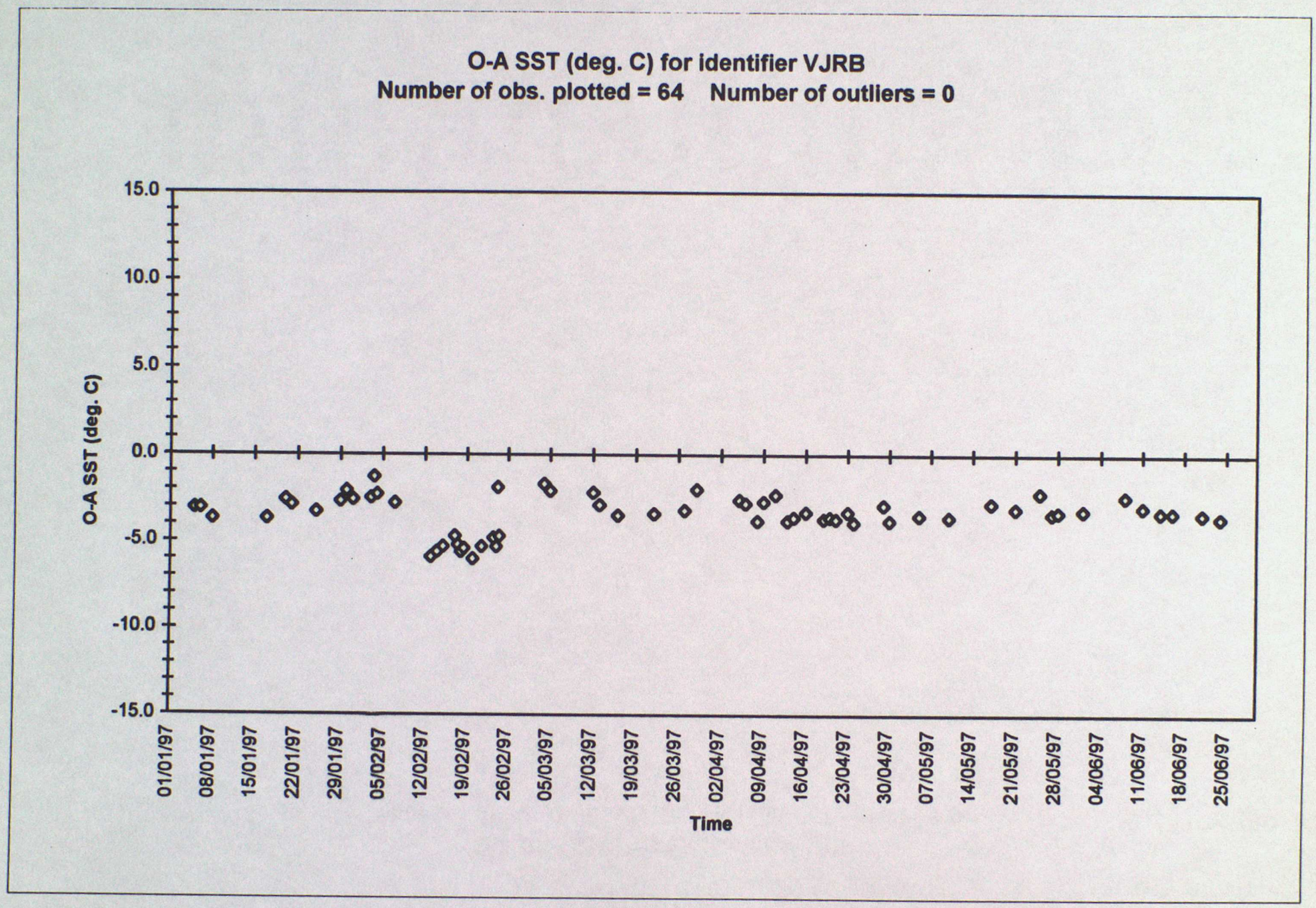

O-A SST (deg. C) for identifier UCMR
Number of obs. plotted = 147 Number of outliers = 2
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

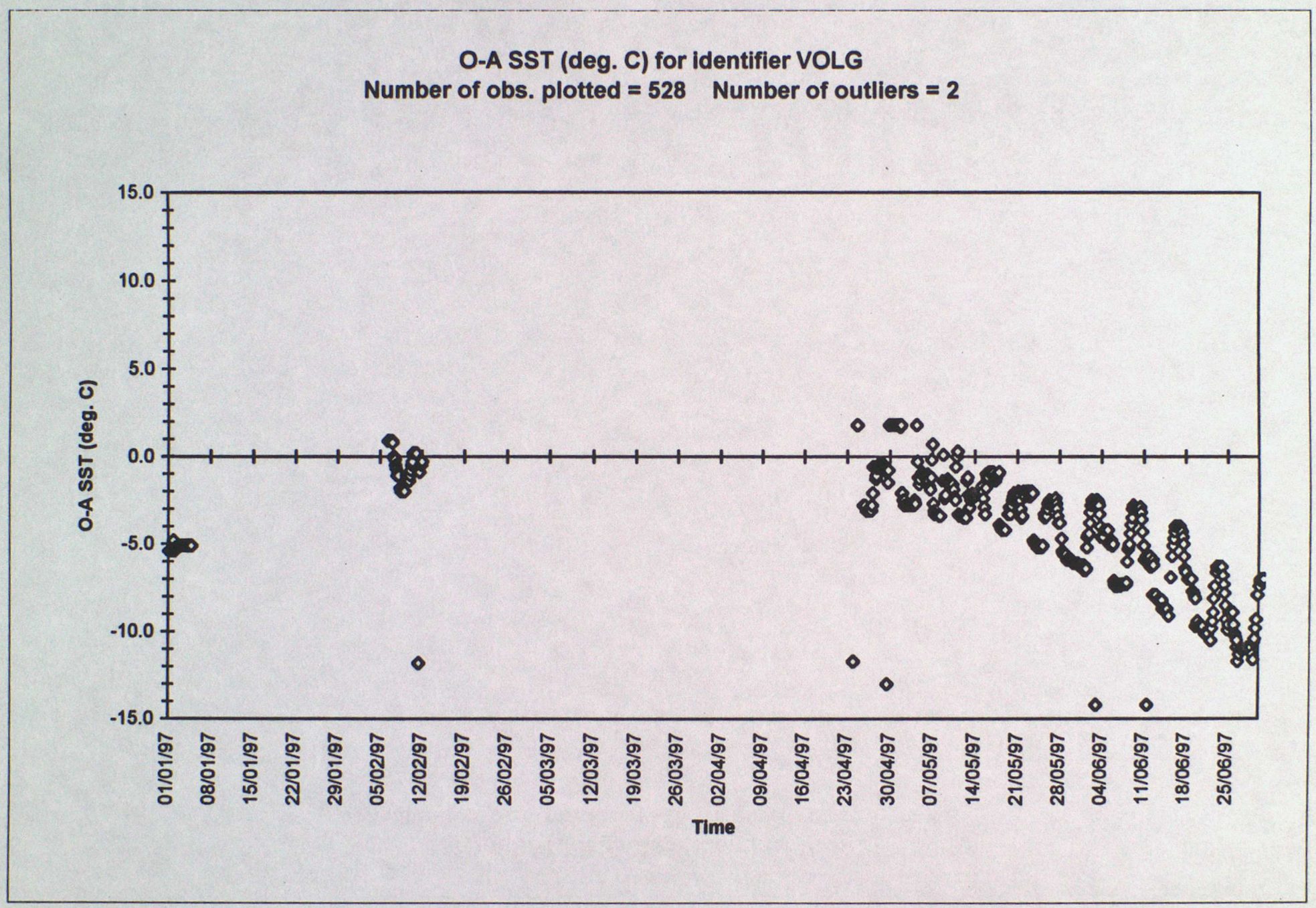

O-A SST (deg. C) for identifier UCNA
Number of obs. plotted = 57 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-A SST (deg. C) for Identifier UCOJ
Number of obs. plotted = 153 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

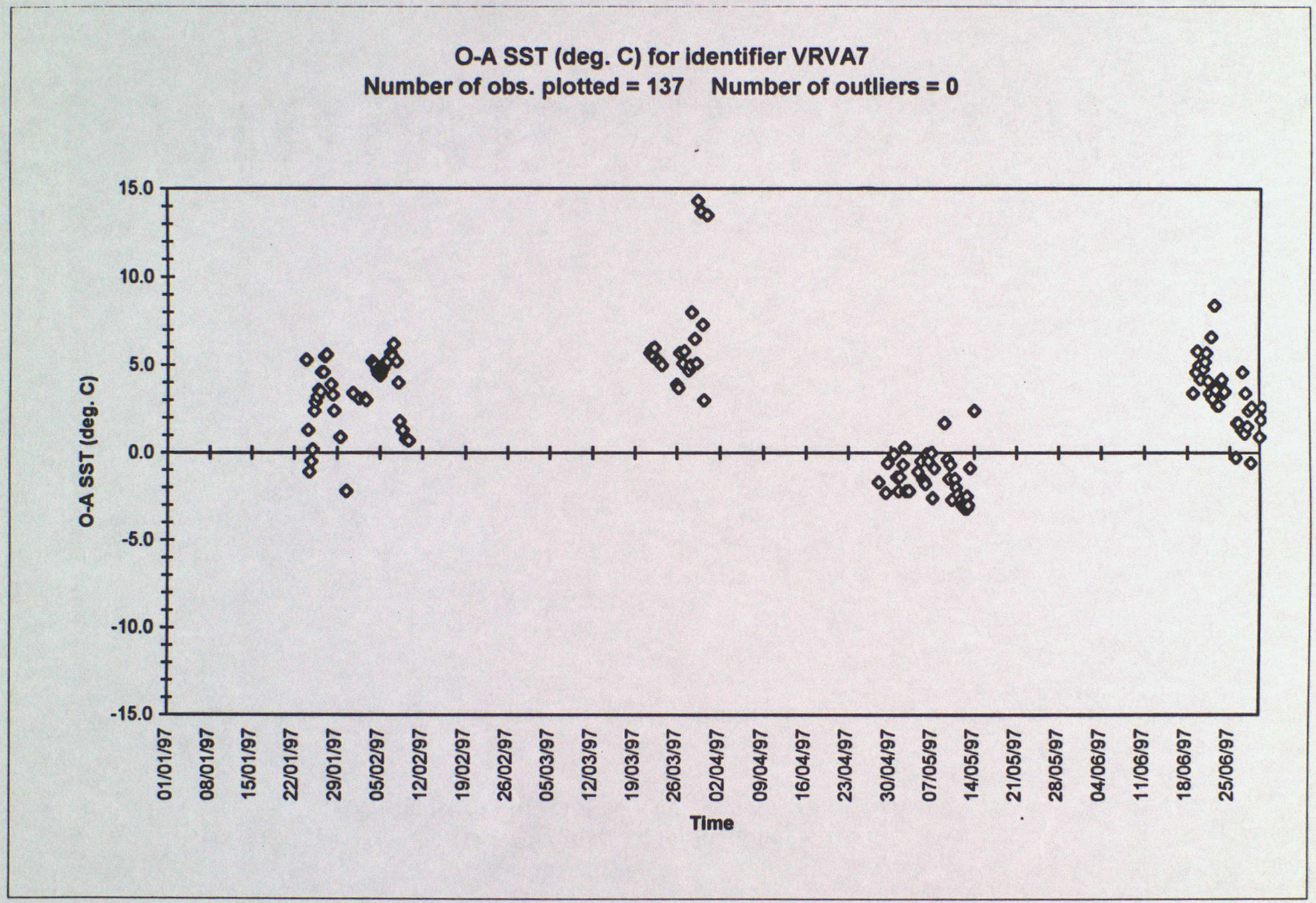
O-A SST (deg. C) for identifier UDVY
Number of obs. plotted = 120 Number of outliers = 0
O-A SST (deg. C)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

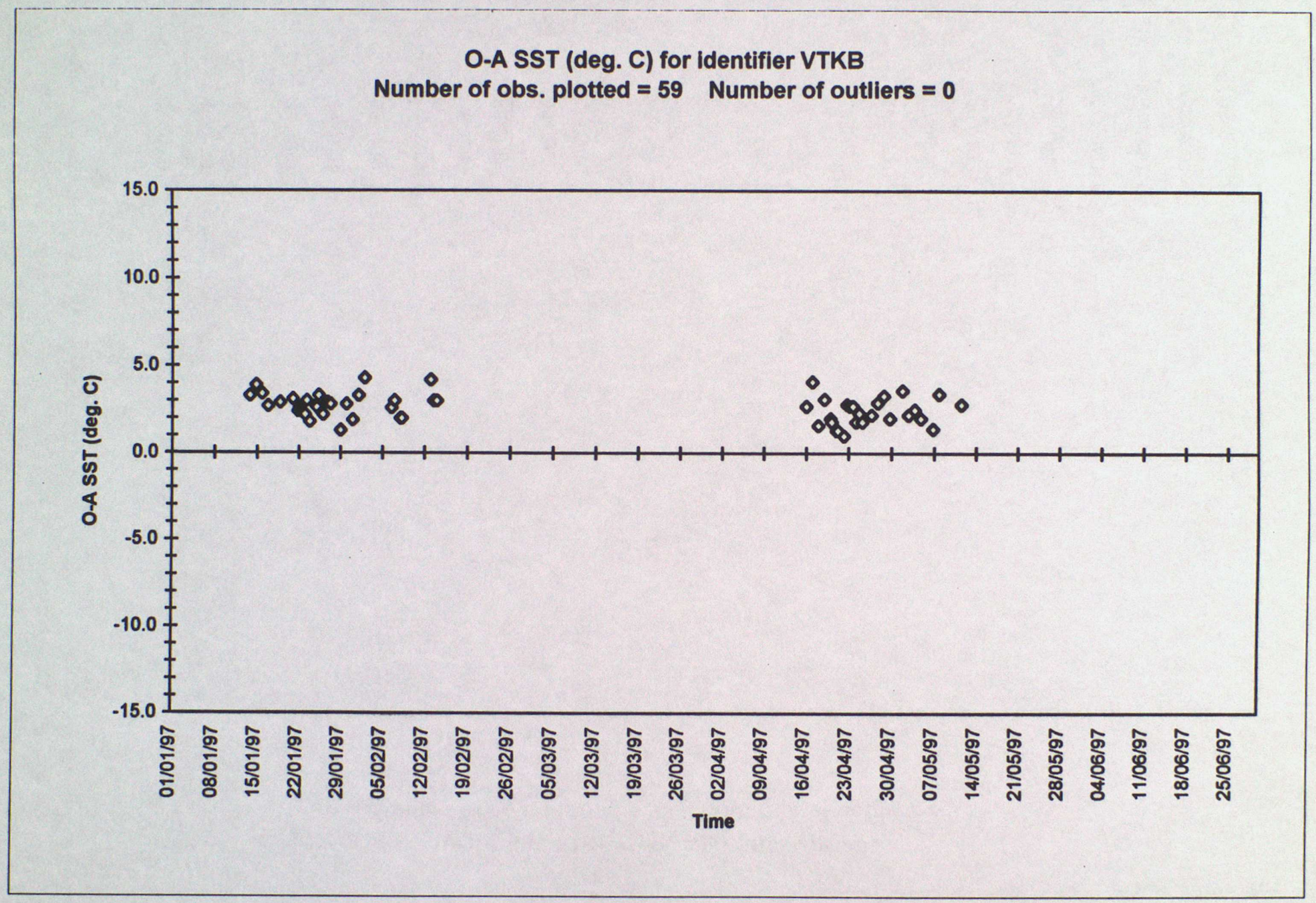
O-A SST (deg. C) for identifier VCRJ
Number of obs. plotted = 55 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

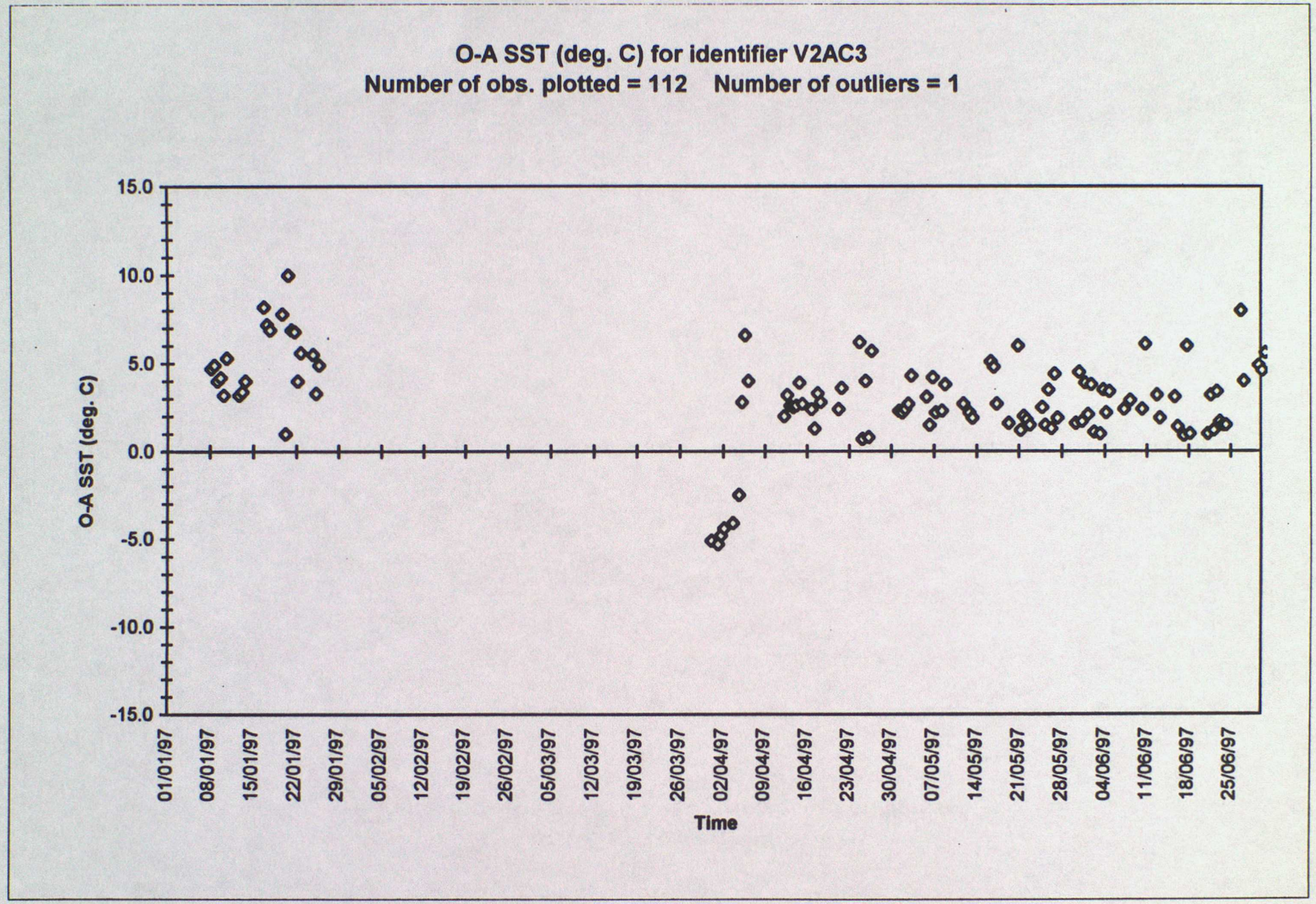

O-A SST (deg. C) for identifier VJRB
Number of obs. plotted = 64 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

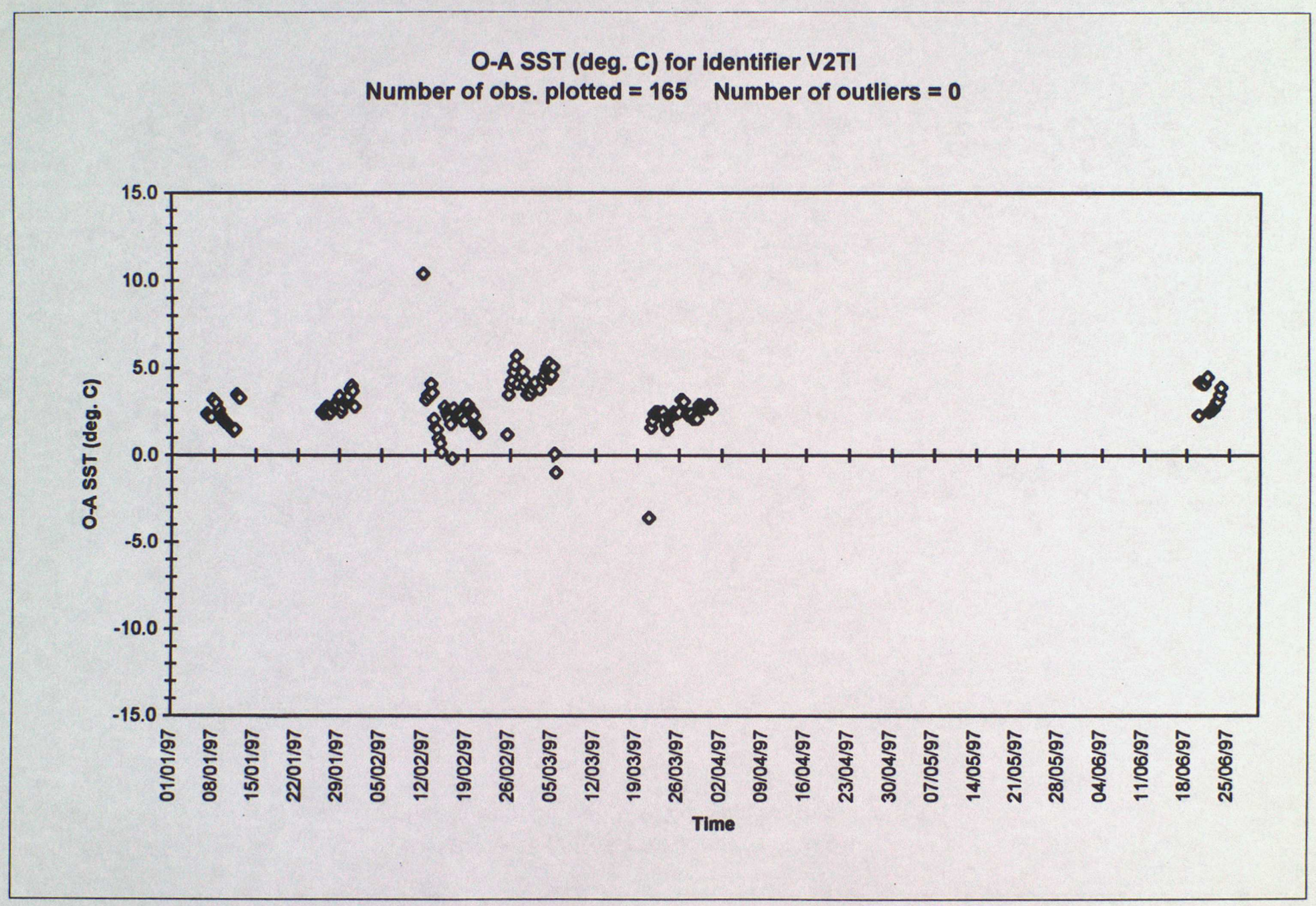

O-A SST (deg. C) for identifier VOLG
Number of obs. plotted = 528 Number of outliers = 2
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-A SST (deg. C) for identifier VRKC
Number of obs. plotted = 113 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

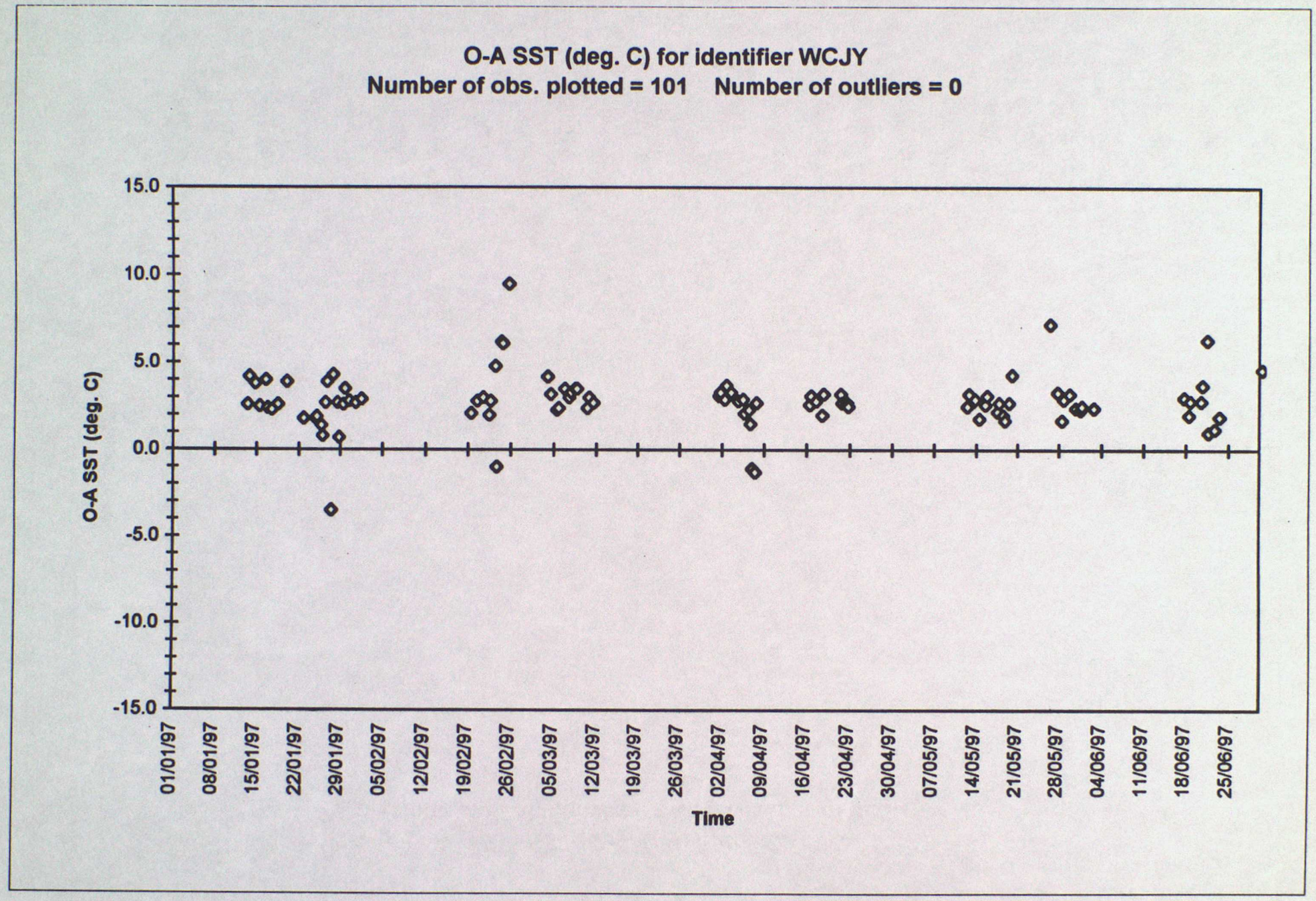

O-A SST (deg. C) for identifier VRVA7
Number of obs. plotted = 137 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time


O-A SST (deg. C) for identifier VTKB
Number of obs. plotted = 59 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

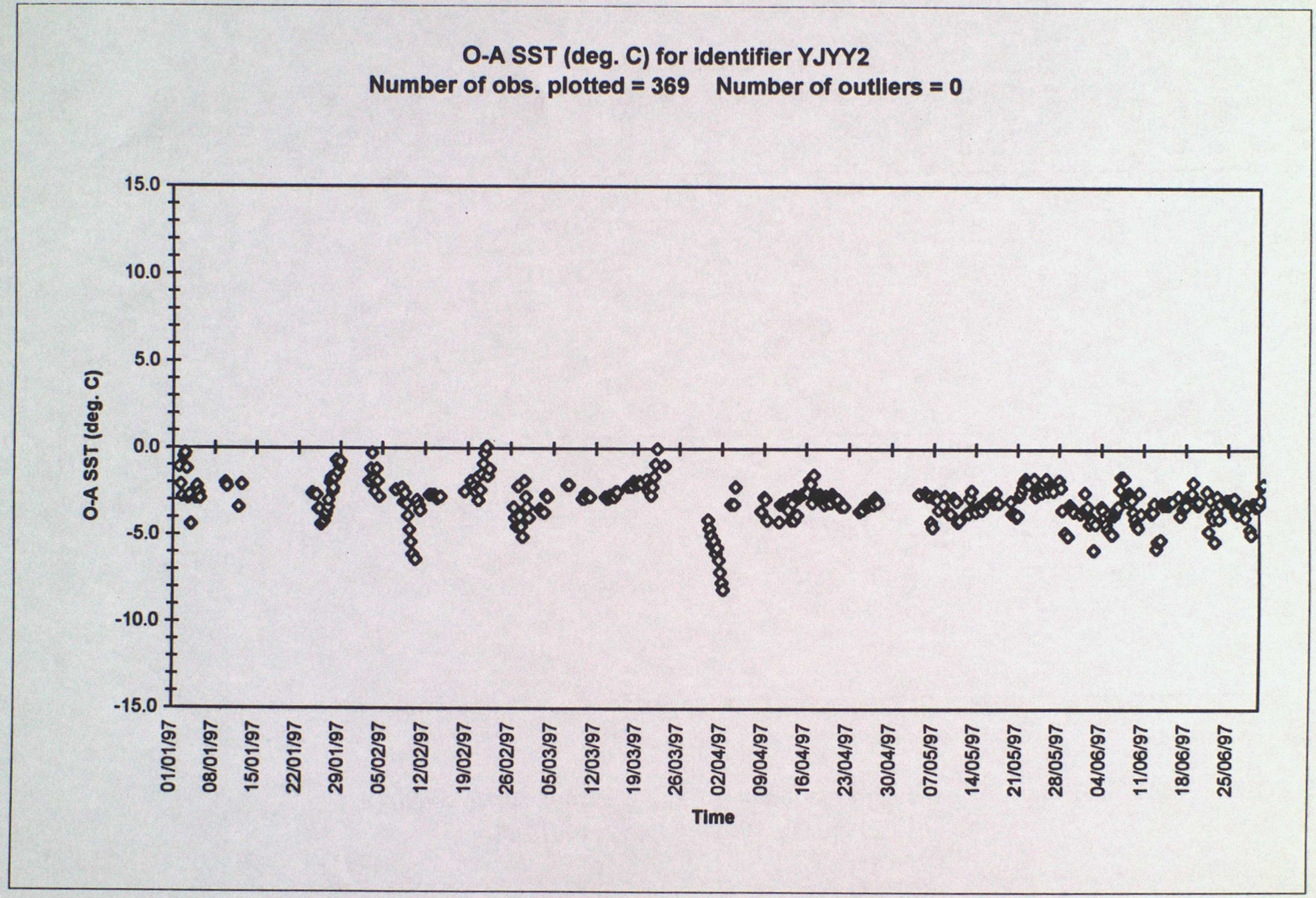

O-A SST (deg. C) for identifier V2AC3
Number of obs. plotted = 112 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

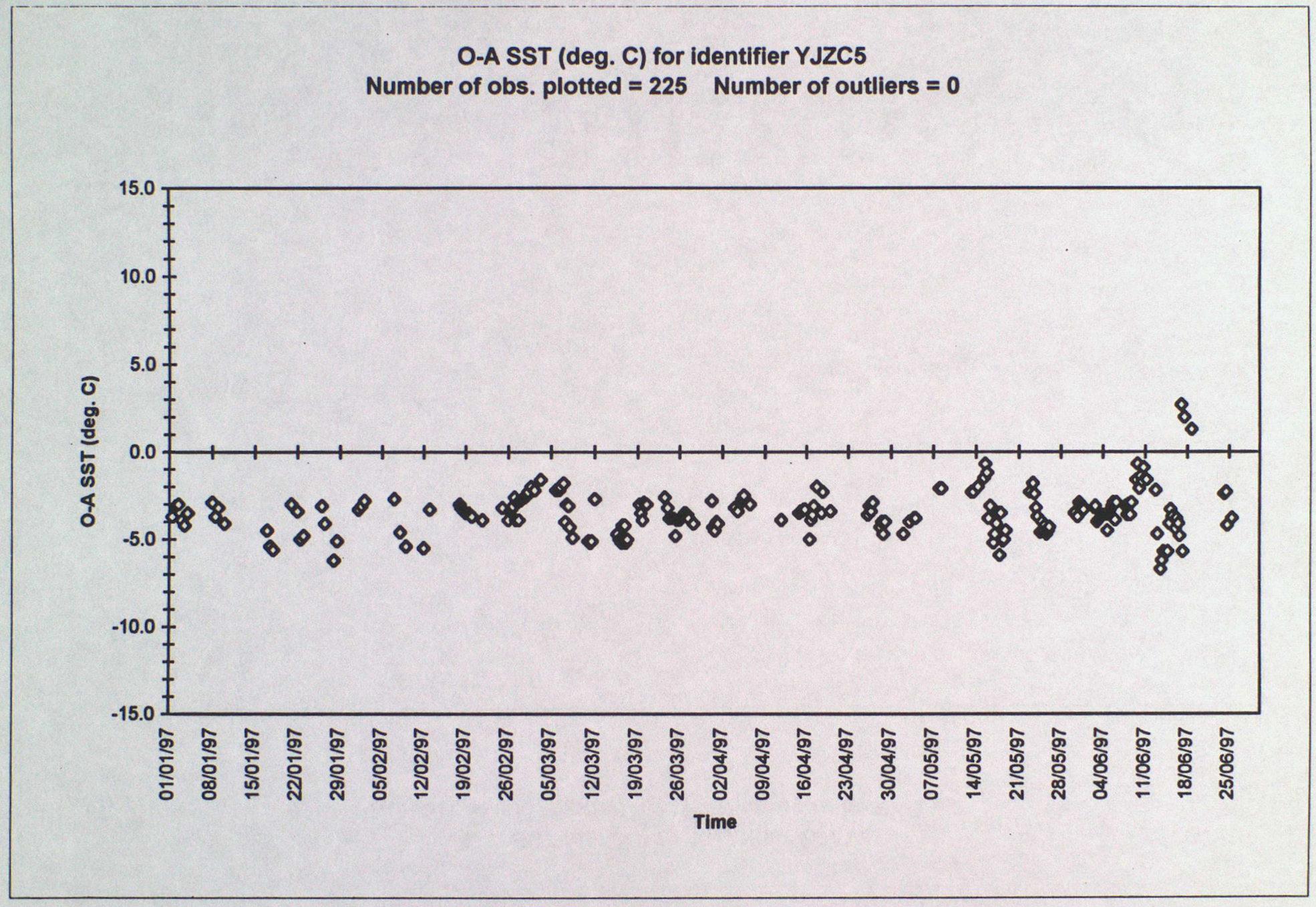

O-A SST (deg. C) for identifier V2TI
Number of obs. plotted = 165 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-A SST (deg. C) for identifier WAFA
Number of obs. plotted = 40 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

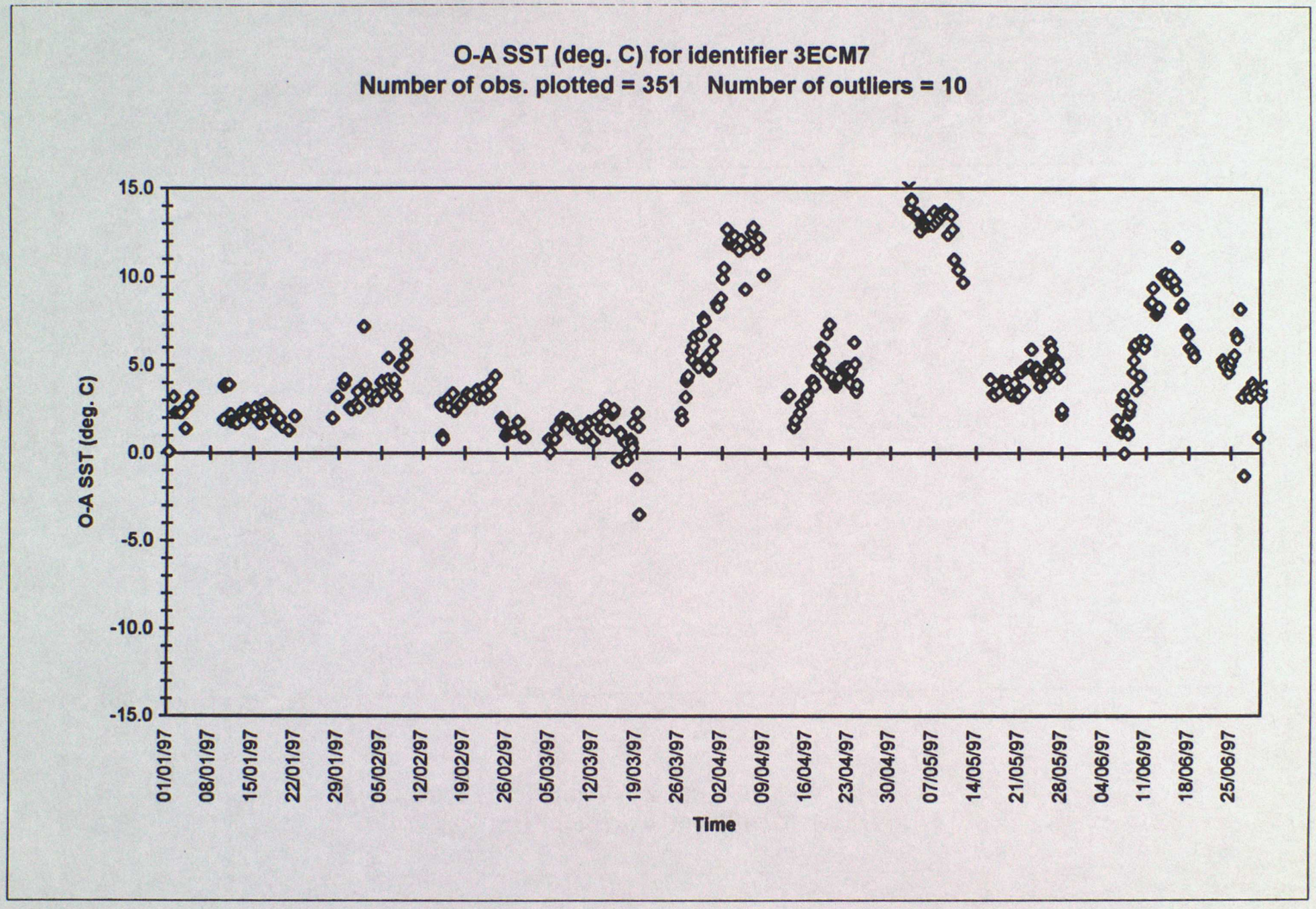

O-A SST (deg. C) for identifier WCJY
Number of obs. plotted = 101 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-A SST (deg. C) for Identifier WYP8657
Number of obs. plotted = 162 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

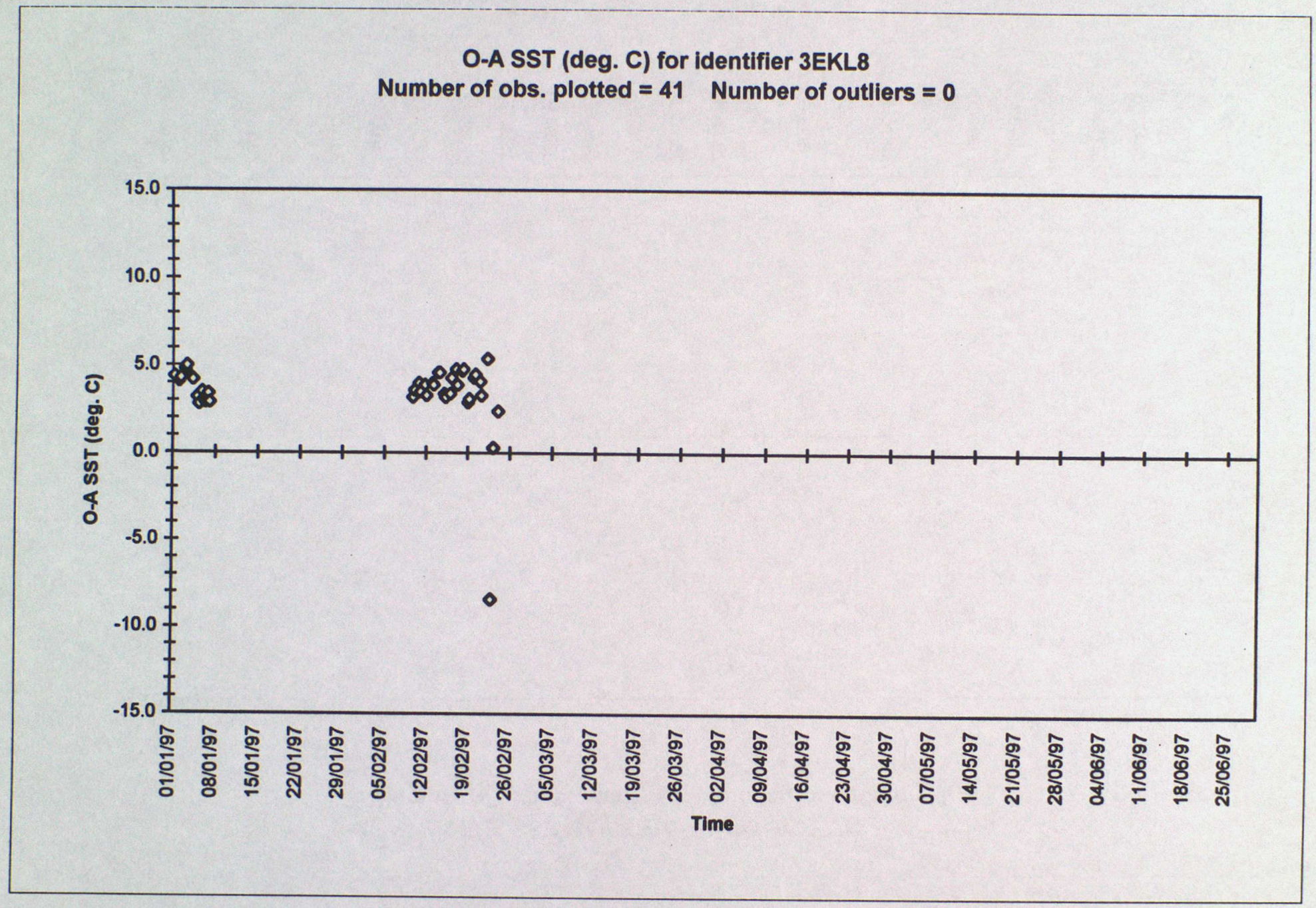

O-A SST (deg. C) for identifier YJYY2
Number of obs. plotted = 369 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

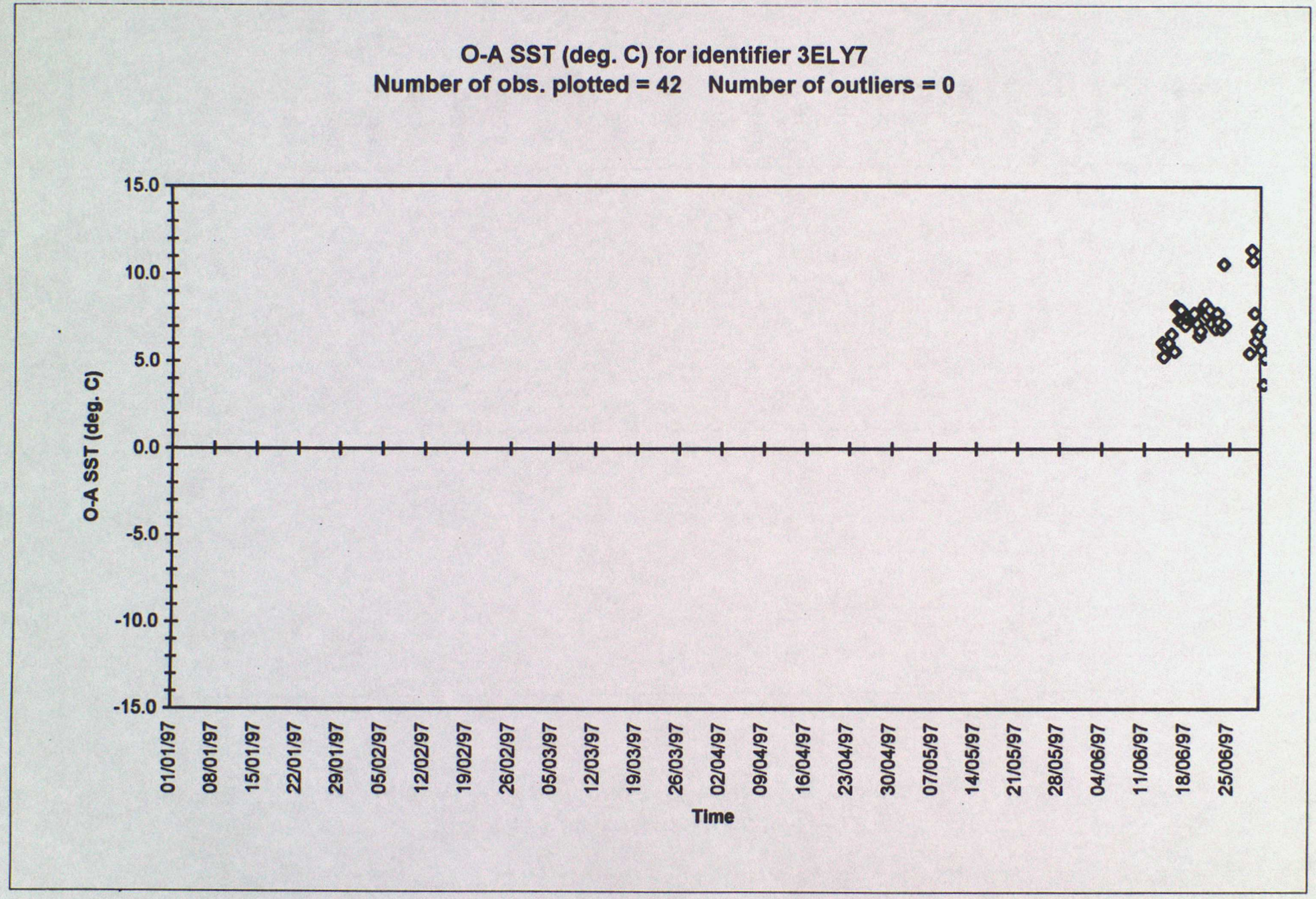

O-A SST (deg. C) for identifier YJZC5
Number of obs. plotted = 225 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-A SST (deg. C) for identifier ZCAV6
Number of obs. plotted = 243 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-A SST (deg. C) for identifier 3ECM7
Number of obs. plotted = 351 Number of outliers = 10
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-A SST (deg. C) for Identifier 3EIP3
Number of obs. plotted = 83 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

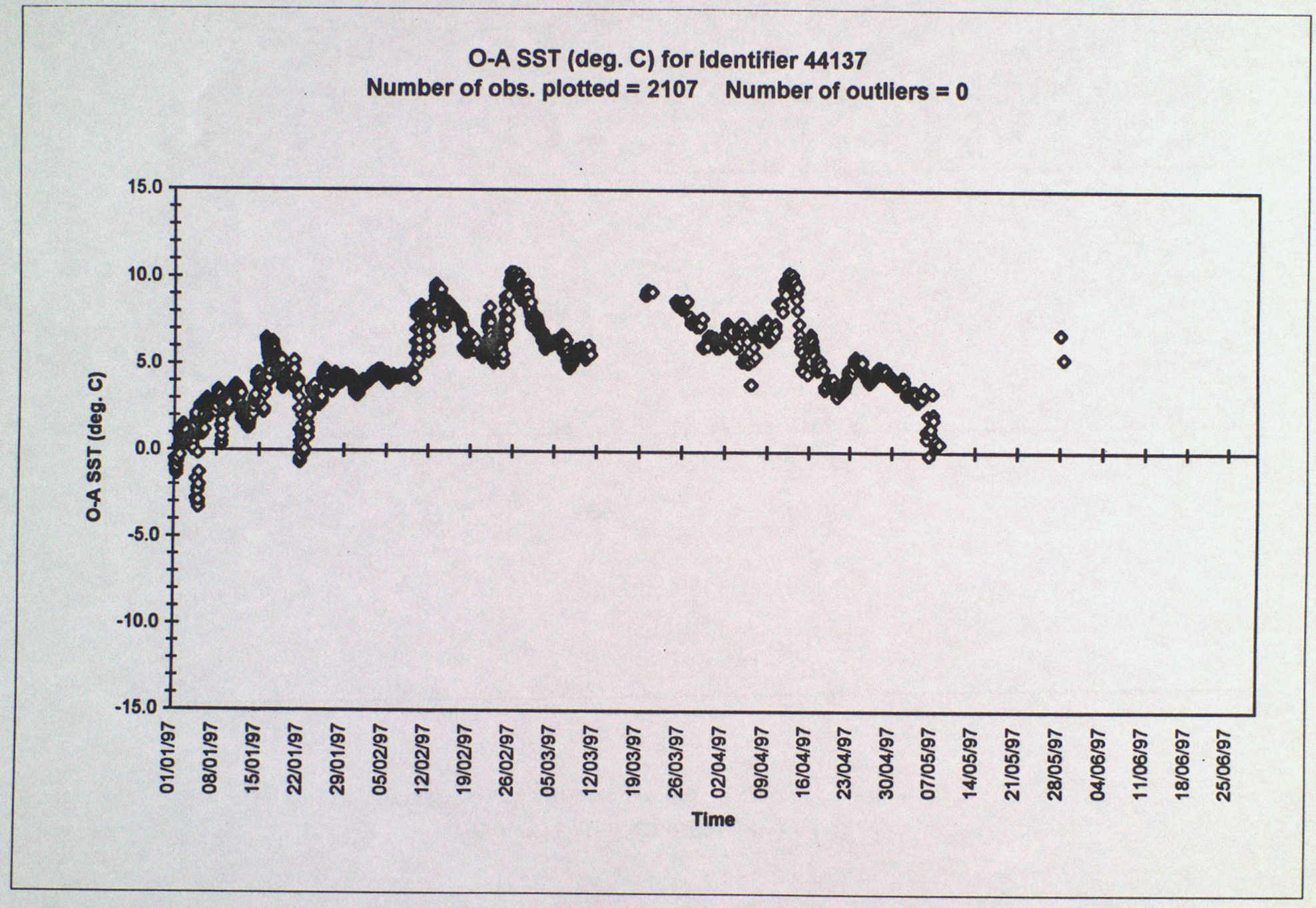

O-A SST (deg. C) for identifier 3EKL8
Number of obs. plotted = 41 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time


O-A SST (deg. C) for identifier 3ELY7
Number of obs. plotted = 42 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

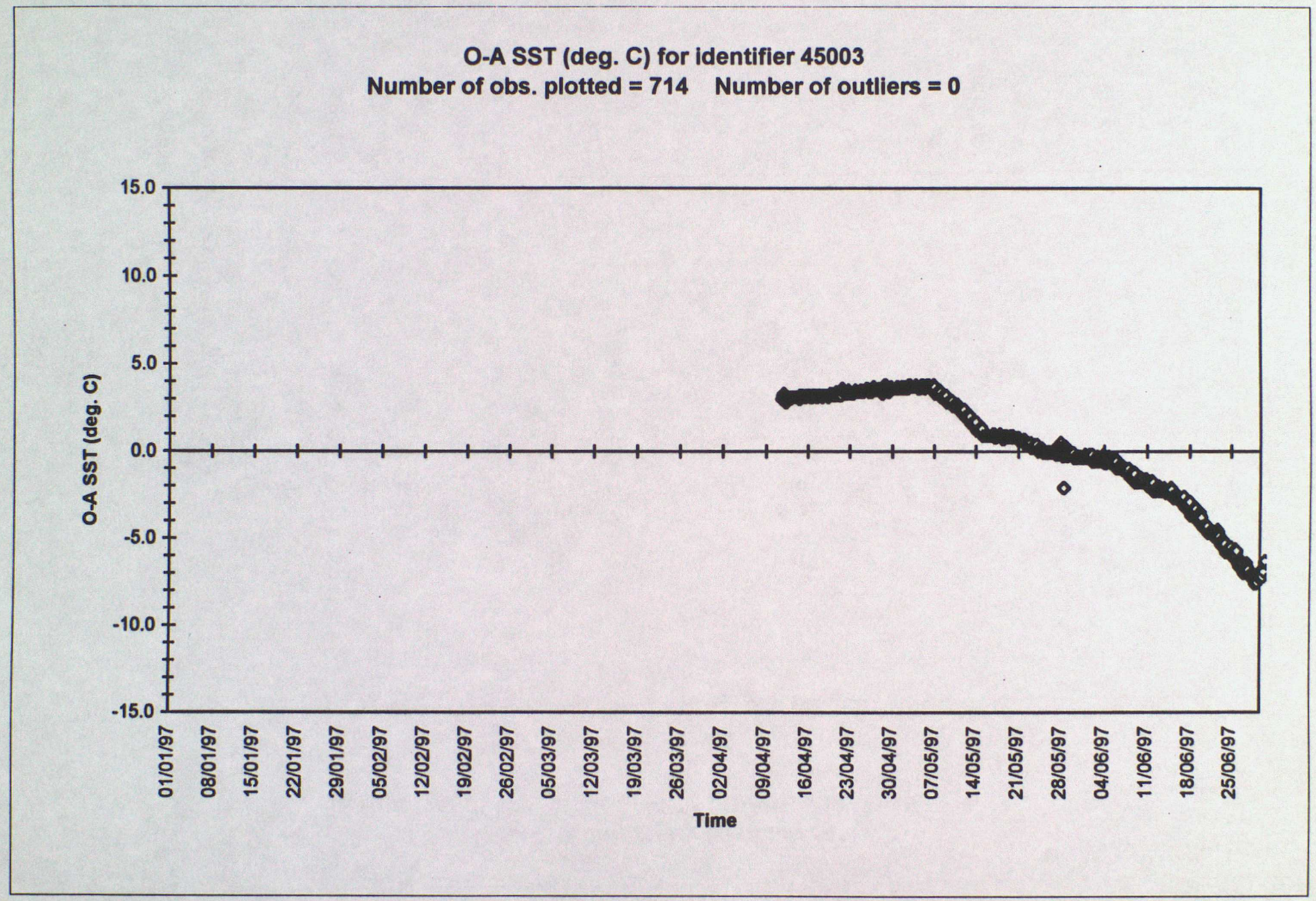
O-A SST (deg. C) for identifier 3EPB6
Number of obs. plotted = 143 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

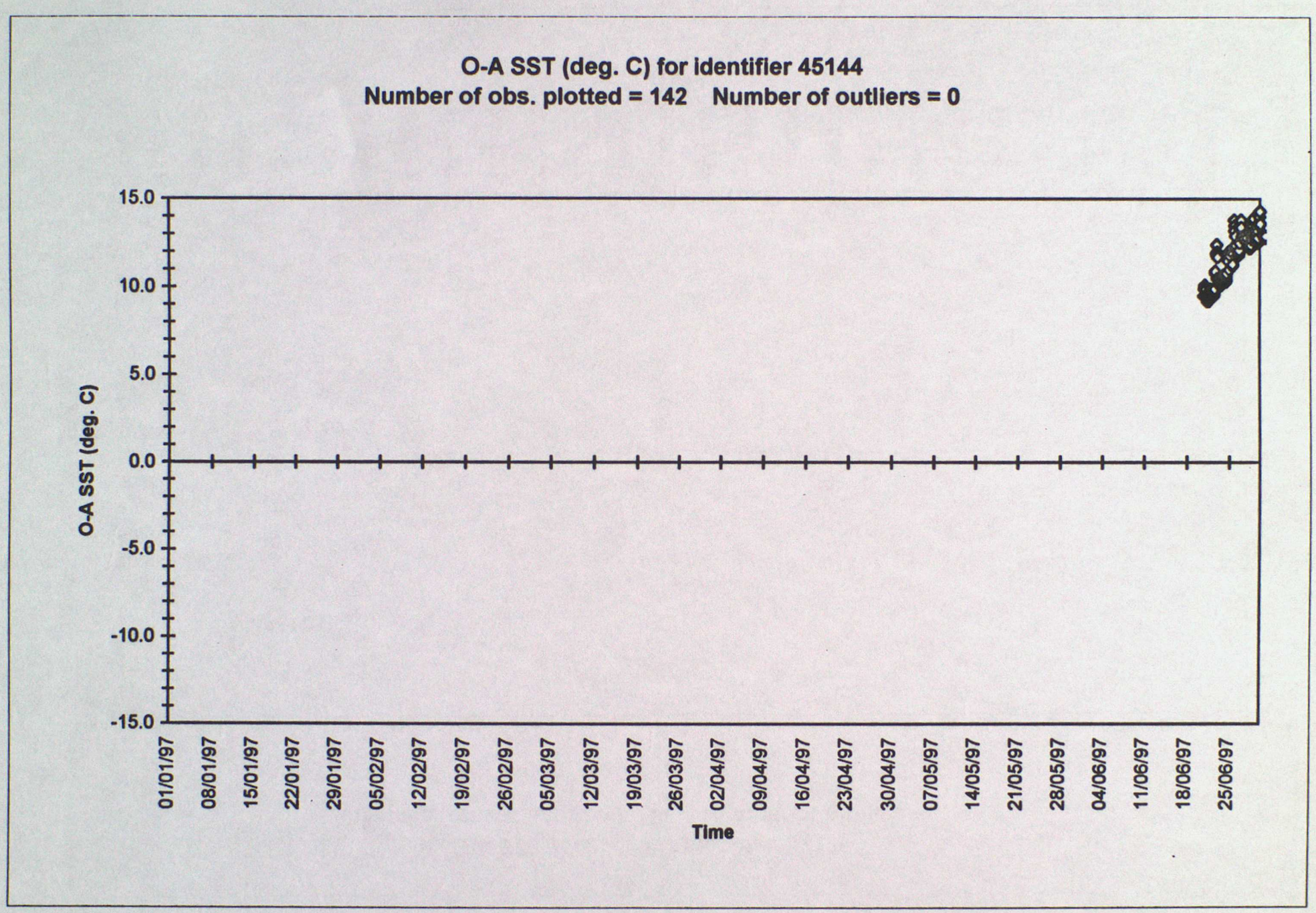
O-A SST (deg. C) for identifier 3FIO6
Number of obs. plotted = 68 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

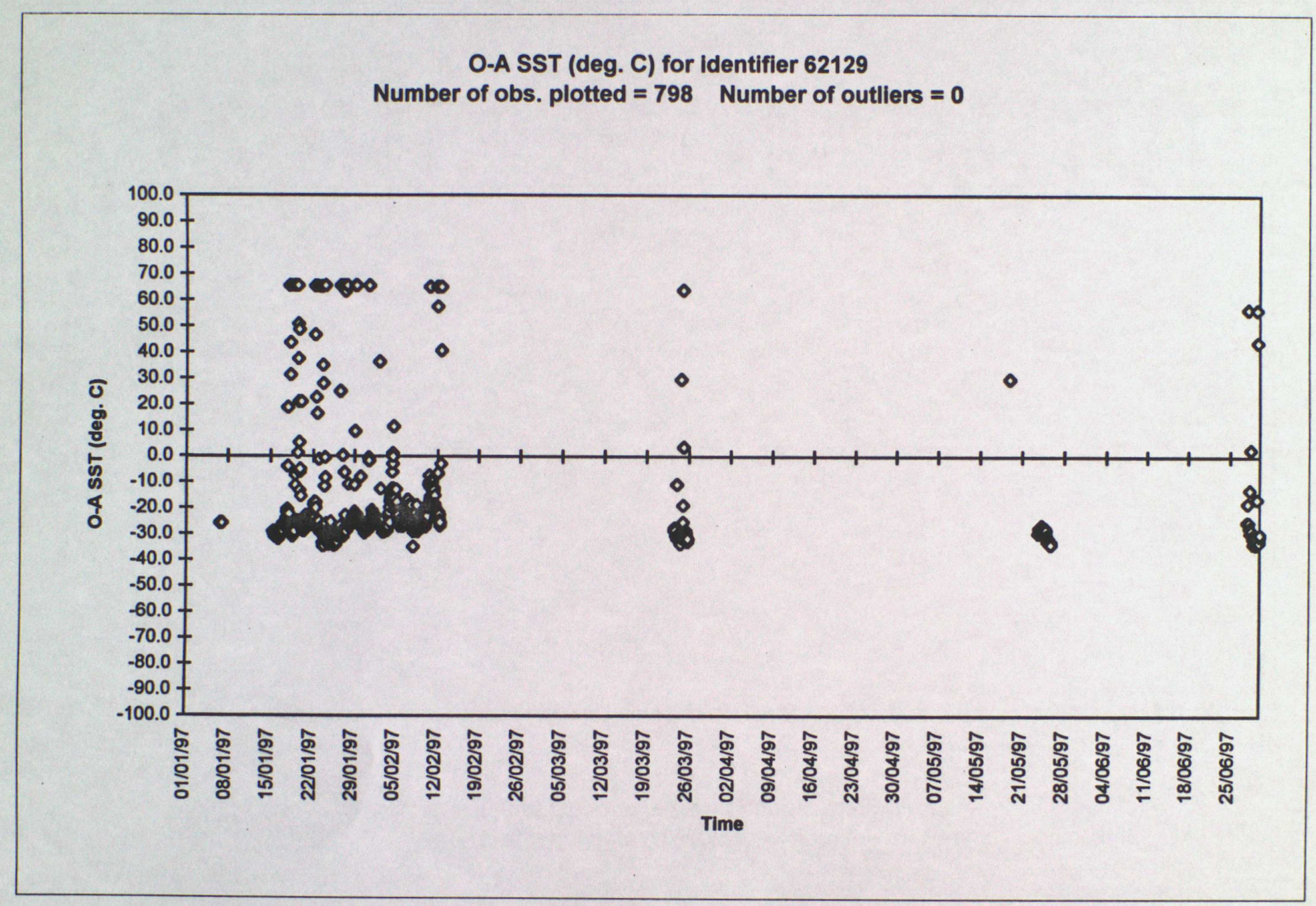
O-A SST (deg. C) for identifier 3FWI3
Number of obs. plotted = 106 Number of outliers = 2
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

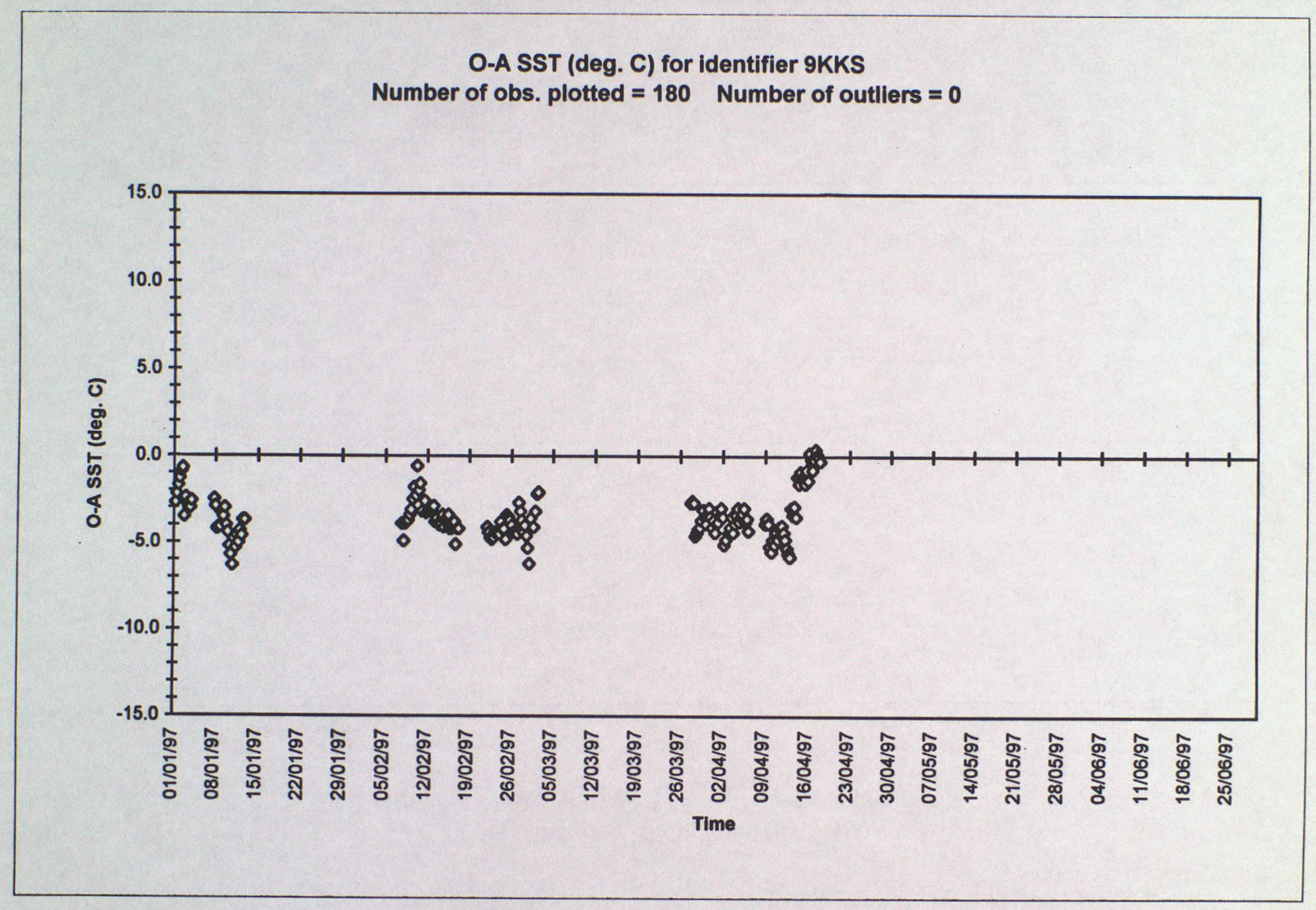

O-A SST (deg. C) for identifier 44137
Number of obs. plotted = 2107 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-A SST (deg. C) for identifier 44141
Number of obs. plotted = 4628 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97

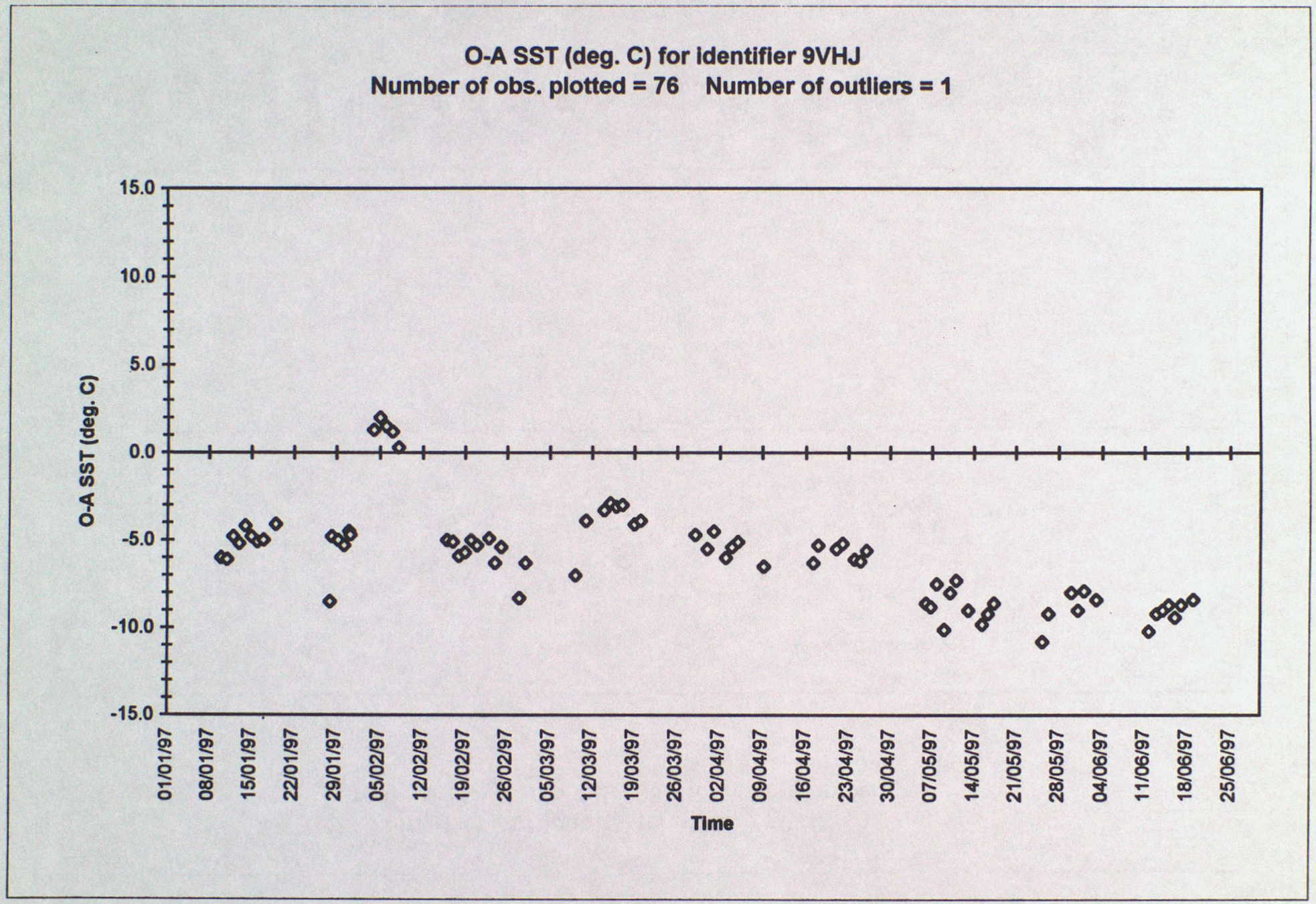

O-A SST (deg. C) for identifier 45003
Number of obs. plotted = 714 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time


O-A SST (deg. C) for identifier 45144
Number of obs. plotted = 142 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

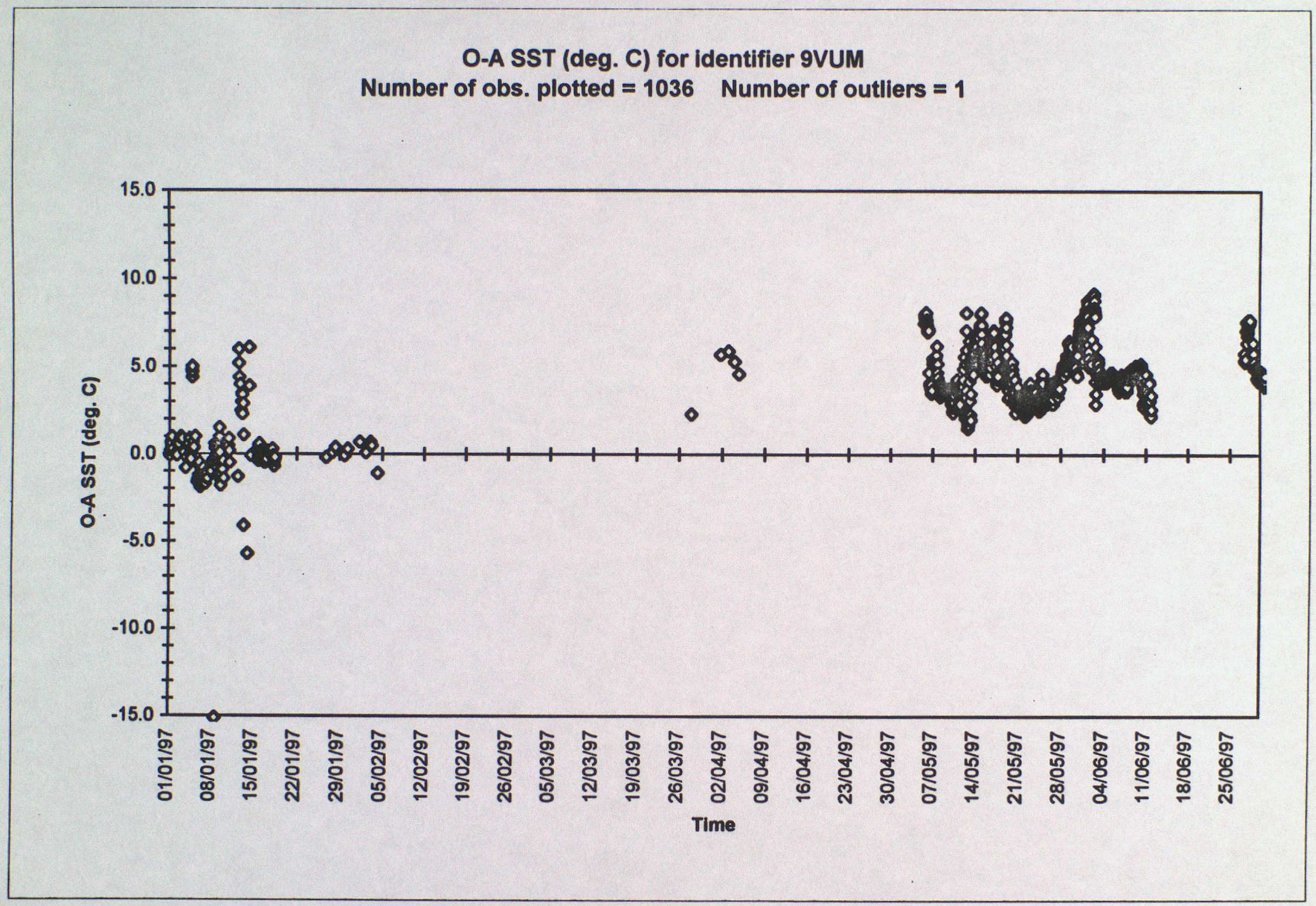

O-A SST (deg. C) for Identifier 62129
Number of obs. plotted = 798 Number of outliers = 0
O-A SST (deg. C)
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
-100.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time


O-A SST (deg. C) for identifier 9KKS
Number of obs. plotted = 180 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-A SST (deg. C) for identifier 9MTU
Number of obs. plotted = 79 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-A SST (deg. C) for identifier 9VHJ
Number of obs. plotted = 76 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time

O-A SST (deg. C) for identifier 9VOP
Number of obs. plotted = 83 Number of outliers = 4
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97


O-A SST (deg. C) for identifier 9VUM
Number of obs. plotted = 1036 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/01/97
08/01/97
15/01/97
22/01/97
29/01/97
05/02/97
12/02/97
19/02/97
26/02/97
05/03/97
12/03/97
19/03/97
26/03/97
02/04/97
09/04/97
16/04/97
23/04/97
30/04/97
07/05/97
14/05/97
21/05/97
28/05/97
04/06/97
11/06/97
18/06/97
25/06/97
Time